PB85-140630

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1984

(U.S.) Environmental Protection Agency
Research Triangle Park, NC

Jul 84

U.S. Department of Commerce
National Technical Information Service
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Environmental Protection
Agency

Office of Air Quality
Planning and Standards
Research Triangle Park NC 27711

EPA-450/2-84-006
July 1984

Air

EPA

PB85-140630

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1984

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This report is a detailed mapping of the United States depicting those areas not attaining the National Ambient Air Quality Standards for carbon monoxide, nitrogen dioxide, ozone, sulfur dioxide and total suspended particulates. It includeds non--attainment area maps and supporting lists from Federal Register publications for final actions through July 1, 1984.

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EPA-450/2-84-006

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1984

by
Jerry Yarn
Willis Beal
Cilton Tate

Control Program Development Division
Office of Air Quality Planning and Standards
Control Programs Operations Branch
Research Triangle Park, N.C. 27711

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

July 1984

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Publication No. EPA-450/2-84-006

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Acknowledgements

Special mention is given to J. Calvin Thames, and Leslie Weiner with Engineering-Science for the assembly and printing of this report.

PREFACE

In 1971, the Environmental Protection Agency (EPA) set national ambient air quality standards (NAAQS) for five pollutants considered to be most dangerous to human health and welfare. These pollutants and their numerical standard values are identified in the following table.

SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS

Pollutant	Averaging Time	Primary Standards	Secondary Standards
Particulate Matter (TSP)	Annual (Geometric Mean)	75 ug/m^3	--------
	24-hour	260 ug/m^3	150 ug/m^3
Sulfur Dioxide (SO_2)	Annual (Arithmetic Mean)	80 ug/m^3 (0.03 ppm)	--------
	24 - hour	365 ug/m^3 (0.04 ppm)	--------
	3 - hour		1,300 ug/m^3 (0.5 ppm)
Carbon Monoxide (CO)	8 - hour	10 ug/m^3 (9 ppm)	Same as primary
	1 - hour	40 ug/m^3 (35 ppm)	Same as primary
Nitrogen Dioxide (NO_2)	Annual (Arithmetic Mean)	100 ug/^{3} (0.05 ppm)	Same as primary
Ozone	1 - 1 hour	243 ug/m^3 (0.12 ppm)	Same as primary

In 1972, States were required to submit to EPA State Implementation Plans (SIP's) containing control measures to meet these primary and secondary standards by mid-1975 or mid-1977. Generally, the long-term SIP progress for meeting these standards was positive. However, because of the complex nature of many air quality problems, some areas of the country still did not attain the NAAQS.

In recognition of this fact, in August 1977 Congress amended the Clean Air Act. Section 107(d) directed each State to submit to the Administrator of EPA a list describing the NAAQS attainment status of all areas within the State. These State submittals were initially reviewed and promulagated by EPA on March 3, 1978. In cases where EPA and a State could not reach agreement, an EPA designation replaced the State submitted designation. Also, in cases where a State failed to submit designations, EPA promulgated appropriate designations. Under Section 107(d)(5) of the Clean Air Act, a State may revise its designation and submit these to EPA for promulgation. Current EPA criteria for processing redesignations were summarized in an April 21, 1983 memorandum from Sheldon Meyers, Director, Office of Air Quality Planning and Standards. This memorandum was supplemented by a December 23, 1983 memorandum from G.T. Helms, Chief, Control Programs Development Division (see Appendix).

For those areas designated as nonattainment for one or more pollutants, States were required to develop additional control programs and plans that, when implemented, would lead to attainment of the NAAQS by 1982 (or 1987 for areas with difficult carbon monoxide or ozone problems).

Since March 3, 1978, there have been many changes to the nonattainment designations. The maps and lists in this volume reflect the nonattainment status of the States as of July 1, 1984.

The following table identifies the number of counties, or portions thereof, designated as nonattainment as of July 1, 1984.

NONATTAINMENT AREAS IN ALL OR PART OF THE COUNTIES IN THE U.S.

	Total Number of Counties or County Equivalents with Nonattainment Areas - July 1, 1984
Carbon Monoxide	145
Nitrogen Dioxide	4
Ozone	393
Sulfur Dioxide	65
Total Suspended Particulates	314
Total Areas	921

This report is a detailed mapping of the United States depicting those areas that are not attaining the NAAQS. Following the preface are maps for each pollutant showing all the nonattainment areas in the Continental United States. The remainder of the report is arranged in numerical order of, and color coded by, Regions I through X to show the nonattainment areas in each State for each pollutant. It included lists of the nonattainment areas. Only actions made final on or before July 1, 1984 are included in this publication. Proposed designation changes or potential changes currently undergoing Agency review are not described in the report.

Each State's section includes a map identifying all county names and maps for each of the pollutants for which the State is classified nonattainment. This volume does not include States having no nonattainment areas of any kind. Listing of nonattainment areas for States and territories outside the Continental United States are included although maps are not.

The nonattainment area listing for each State should clarify any situations where it may be difficult to interpret the shading on the maps. In addition, the legend on the Definitions page which follows may also be clearer than some of the legends printed with the maps.

Any questions concerning the precise location or description of specific nonattainment areas should be directed to the appropriate Regional Offices as listed below.

Air Programs Branch, EPA Region I, J.F.K. Federal Building, Room 2203, Boston, Massachusetts 02203 (617)223-5134 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont).

Air Programs Branch, EPA Region II, 26 Federal Plaza, Room 1009, New York, New York 10278 (212) 264-2517 (New York, New Jersey, Puerto Rico, Virgin Islands).

Air Programs Branch, EPA Region III, Curtis Building, Sixth and Walnut Streets, Philadelphia, Pennsylvania 19106 (215) 597-8175 (Delaware, Maryland, Pennsylvania, Virginia, West Virginia, District of Columbis).

Air Programs Branch, EPA Region IV, 345 Courtland Street, N.E., Atlanta, Georgia 30365 (404) 881-3043 (Alabama, Georgia, Florida, Kentucky, Mississippi, North Carolina, Tennessee, South Carolina).

Air Programs Branch, EPA Region V, 230 South Dearborn Street, Chicago, Illinois 60604 (312) 353-2211 (Indiana, Illinois, Michigan, Minnesota, Ohio, Wisconsin).

Air Programs Branch, EPA Region VI, First International Building, 1201 Elm Street, Dallas, Texas 75270 (214) 767-2746 (Arkansas, Louisiana, Oklahoma, New Mexico, Texas).

Air Programs Branch, EPA Region VII, 324 East 11th Street, Kansas City, Missouri 64106 (816) 374-3791 (Iowa, Kansas, Missouri, Nebraska).

Air Programs Branch, EPA Region VIII, 1860 Lincoln Street, Denver, Colorado 80295 (303) 844-3471 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming.

Air Programs Branch, EPA Region IX, 215 Fremont Street, San Francisco, California 94105, (415) 974-8058 (Arizona, California, Hawaii, Nevada, Guam, American Samoa, Northern Mariana Islands).

Air Programs Branch, EPA Region X, 1200 6th Avenue, Seattle, Washington 98101 (206) 442-1941 (Alaska, Idaho, Oregon, Washington).

DEFINITIONS

Nonattainment Area - The term "nonattainment area" means for any air pollutant an area which is shown by monitored data or which is calculated by air quality modeling (or other methods determined by the Administrator to be reliable) to violate any national ambient air quality standard for such pollutant.

National Primary Ambient Air Quality Standards - National primary ambient air quality standards shall be ambient air quality standards the attainment and maintenance of which in the judgment of the Administrator, based on such criteria and allowing an adequate margin of safety, are requisite to protect the public health.

National Secondary Ambient Air Quality Standards - Any national secondary ambient air quality standard shall specify a level of air quality the attainment and maintenance of which in the judgment of the Administrator, based on such criteria, is requisite to protect the public welfare from any known or anticipated adverse effects associated with the presence of such air pollutant in the ambient air.

Map Legends

PRIMARY NAAQS NOT ATTAINED

■ In Entire County

⬚ In Part of County

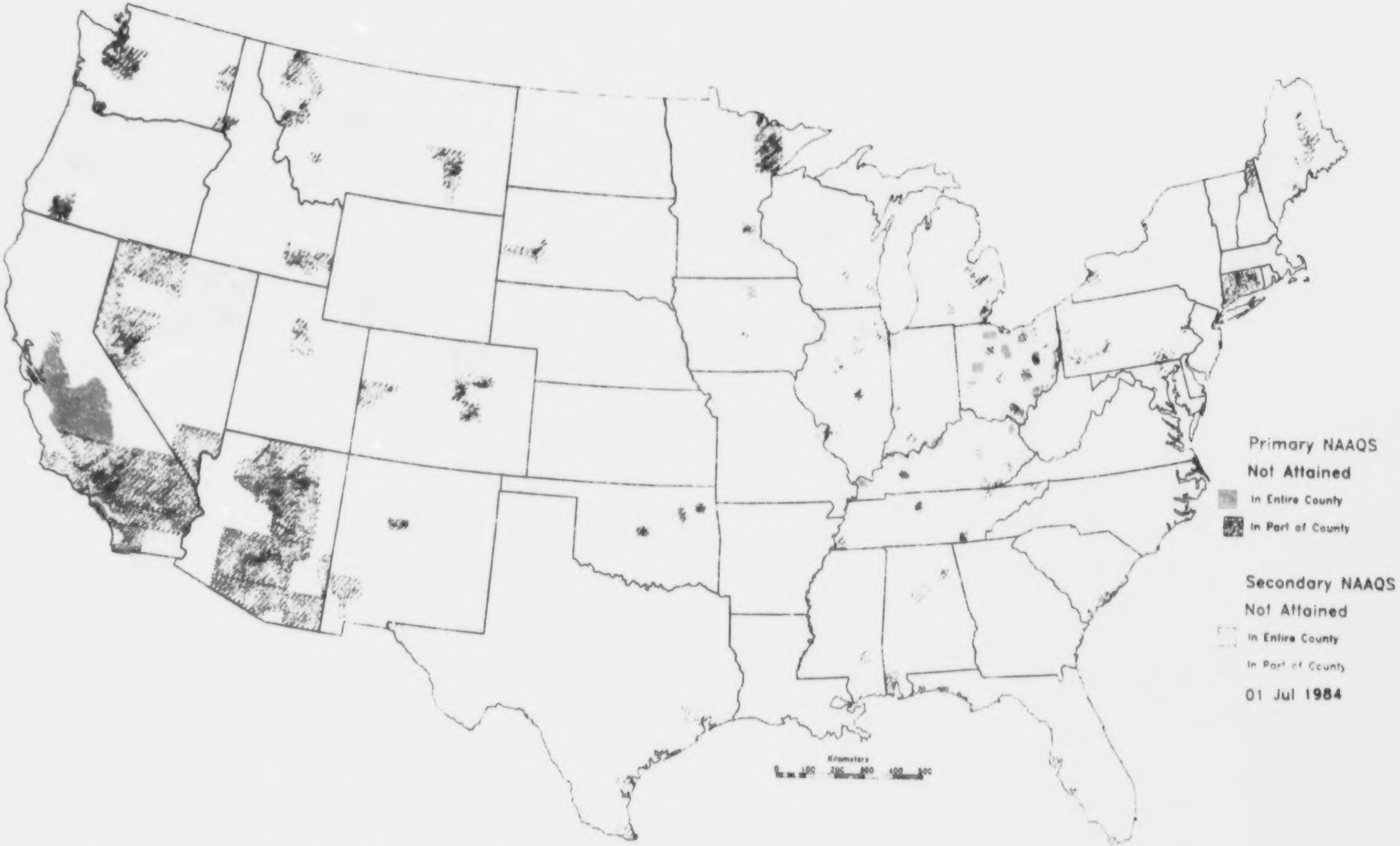
SECONDARY NAAQS NOT ATTAINED

⬚ In Entire County

⬚ In Part of County

PRIMARY & SECONDARY NAAQS NOT ATTAINED

▨ In Part of County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Not Attained
In Entire County
In Part of County
Secondary NAAQS
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In Entire County
In Part of County
01 Jul 1984
Kilometers
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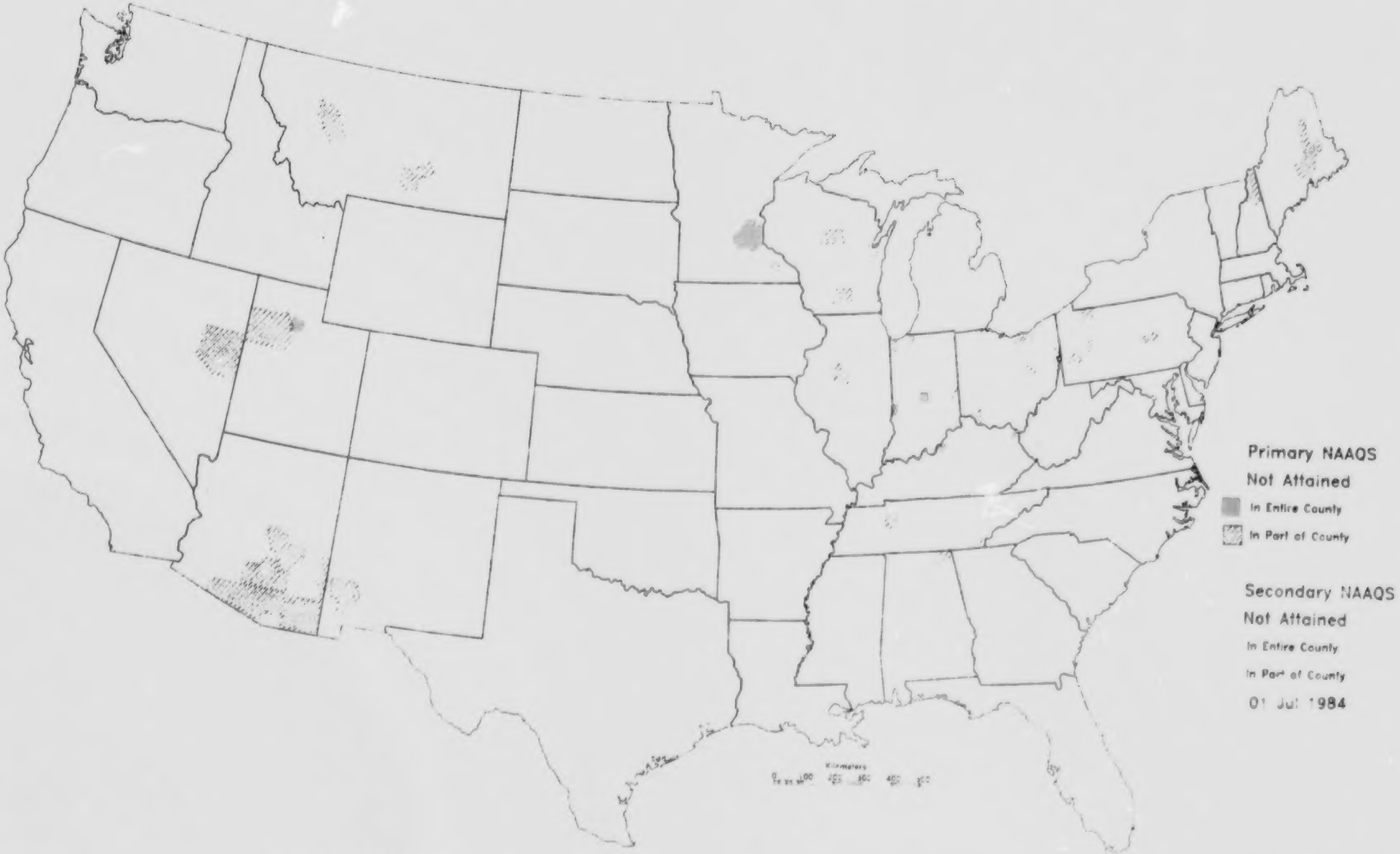
Promulgated List of TSP Non-Attaining Counties - 1981


Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
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In Entire County
In Part of County
01 Jul 1984
Kilometers
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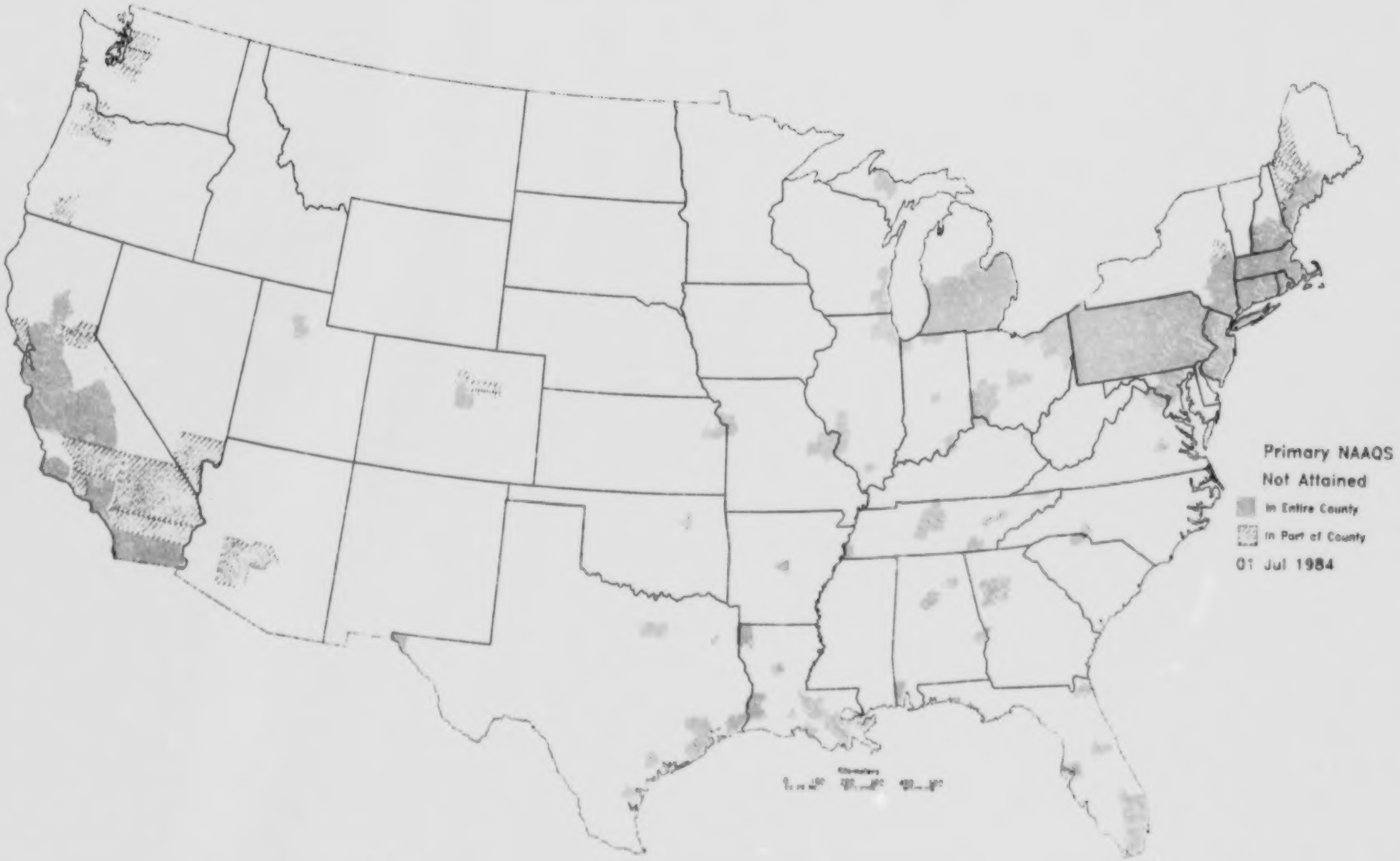
Promulgated List of SO2 Non-Attaining Counties -- 1984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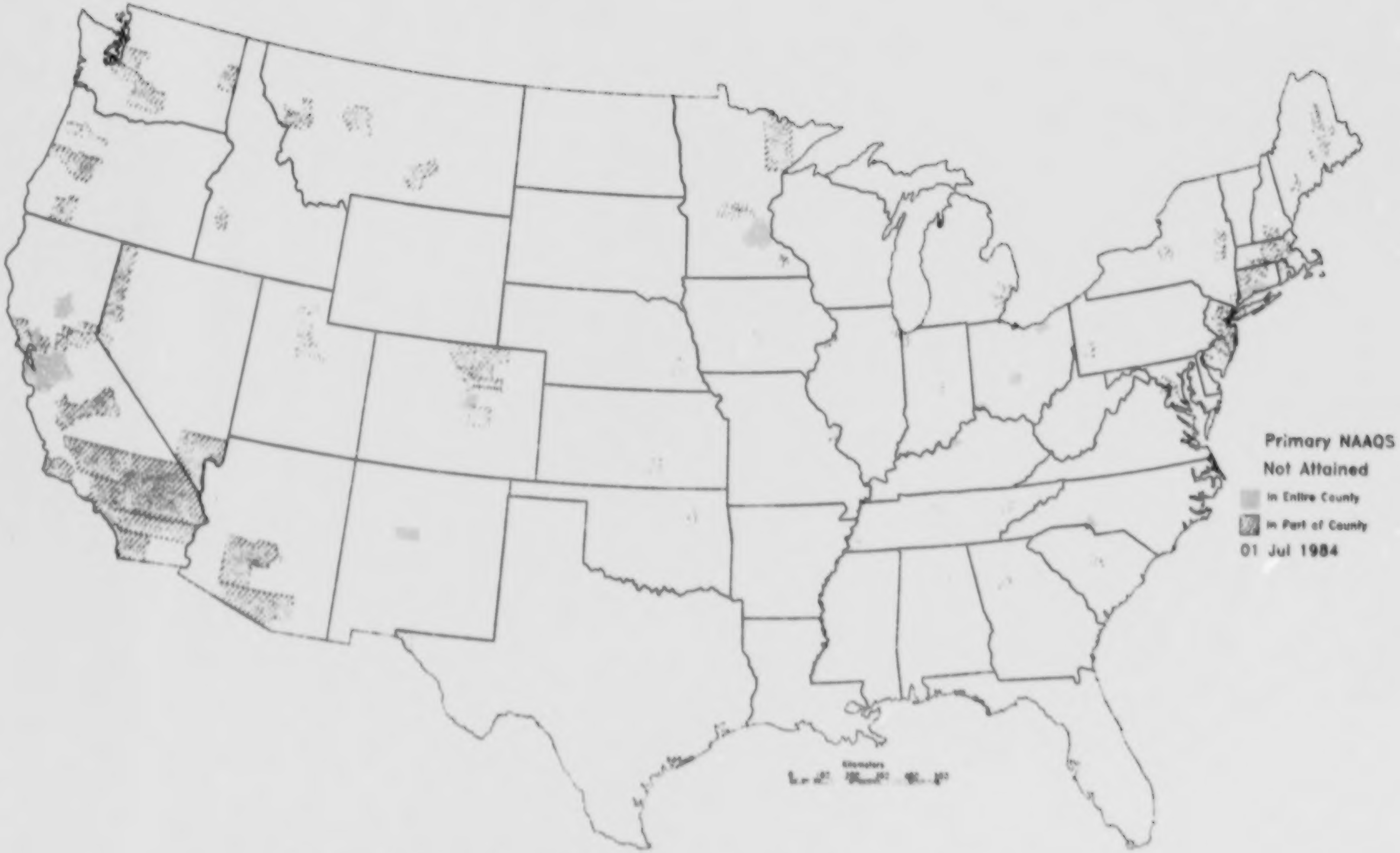
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties -- 1984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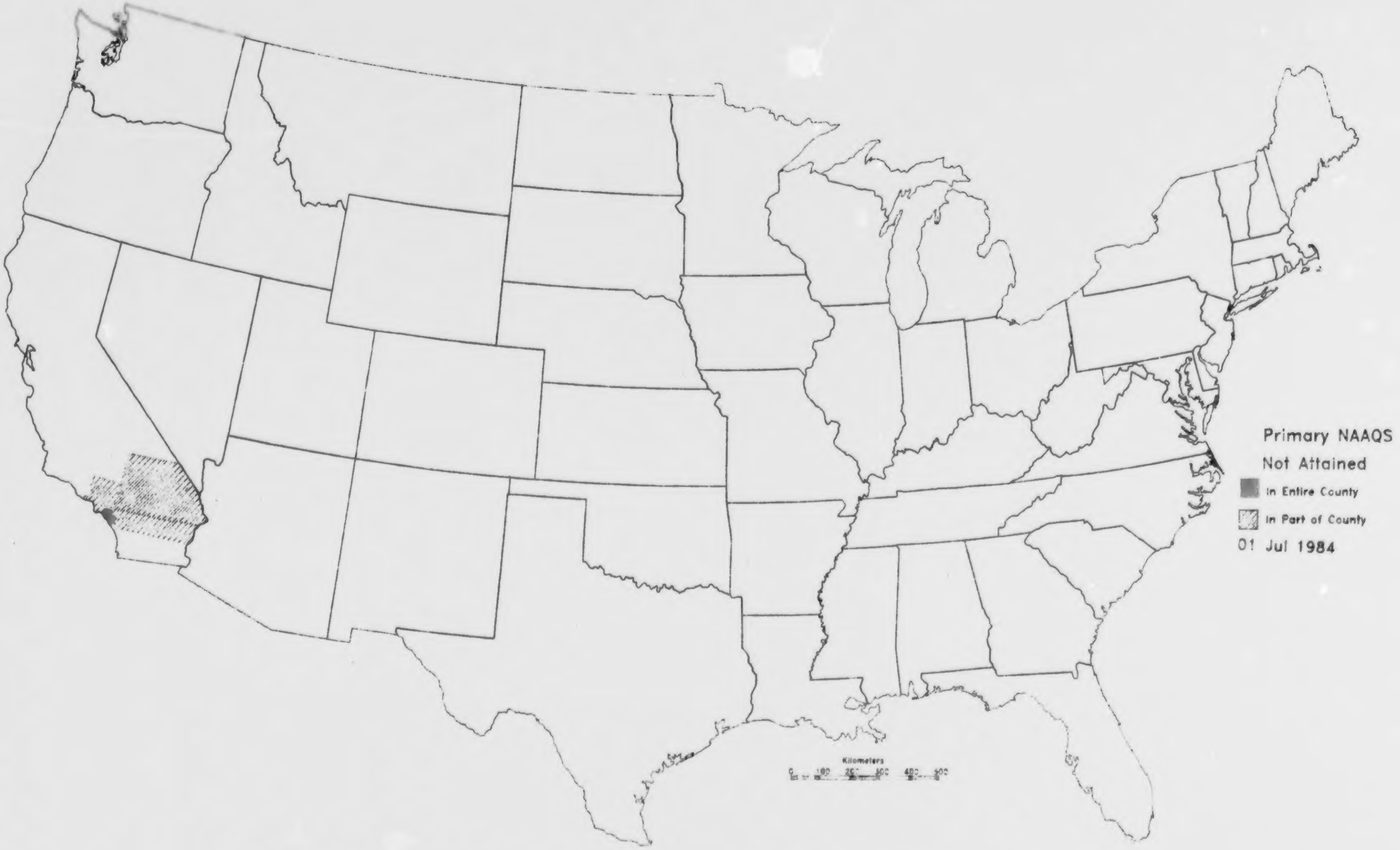
▨ In Part of County
01 Jul 1984
Kilometers

Promulgated List of CO Non-Attaining Counties - 1984


Primary NAAQS
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▇ In Entire County
▨ In Part of County
01 Jul 1984
Kilometers
0 100 200 300 400 500

Promulgated List of NO2 Non-Attaining Counties -- 1984

Region I

Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Air Programs Branch
EPA Region I
JFK Federal Building
Room 2303
Boston, Massachusetts 02203
(617)223-5134

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR CONNECTICUT

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	C O	NO2	O Z
Fairfield Co	807,143		W			W		W
Hartford Co	807,766		W			P		W
Litchfield Co	156,769		W			P		W
Middlesex Co	129,017		W			W		W
New Haven Co	761,337		W			W		W
New London Co	236,409		W					W
Tolland Co	114,823		W			P		W
Windham Co	92,312		W					W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MAINE

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	C O	NO2	O Z
Androscoggin Co	99,657					P		W
Cumberland Co	215,789							W
Franklin Co	27,447							P
Kennebec Co	109,889		P					W
Knox Co	32,941		P					W
Lincoln Co	25,691	P						W
Oxford Co	48,968							P
Penobscot Co	137,015	P	P	P		P		
Sagadahoc Co	28,795							W
Somerset Co	45,046							P
Waldo Co	26,414							W
Washington Co	34,963		P					
York Co	139,666							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MASSACHUSETTS

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	C O	NO2	O Z
Barnstable	147,925							W
Berkshire	145,110							W
Bristol	474,641		P					W
Dukes	8,942							W
Essex	633,632		P					W
Franklin	64,317							W
Hampden	443,018		P			P		W
Hampshire	138,813							W
Middlesex	1,367,034		P			P		W
Nantucket	5,087							W
Norfolk	606,587		P			P		W
Plymouth	405,437							W
Suffolk	650,142		P			P		W
Worcester	646,352		P			P		W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

Reproduced from best available copy.

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEW HAMPSHIRE

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Belknap Co	42,894							W
Cheshire Co	62,116							W
Coos Co	35,147	P		P				
Hillsborough Co	276,608		P			P		W
Merrimack Co	98,302							W
Rockingham Co	190,345							W
Strafford Co	85,408							W
Sullivan Co	36,063							W

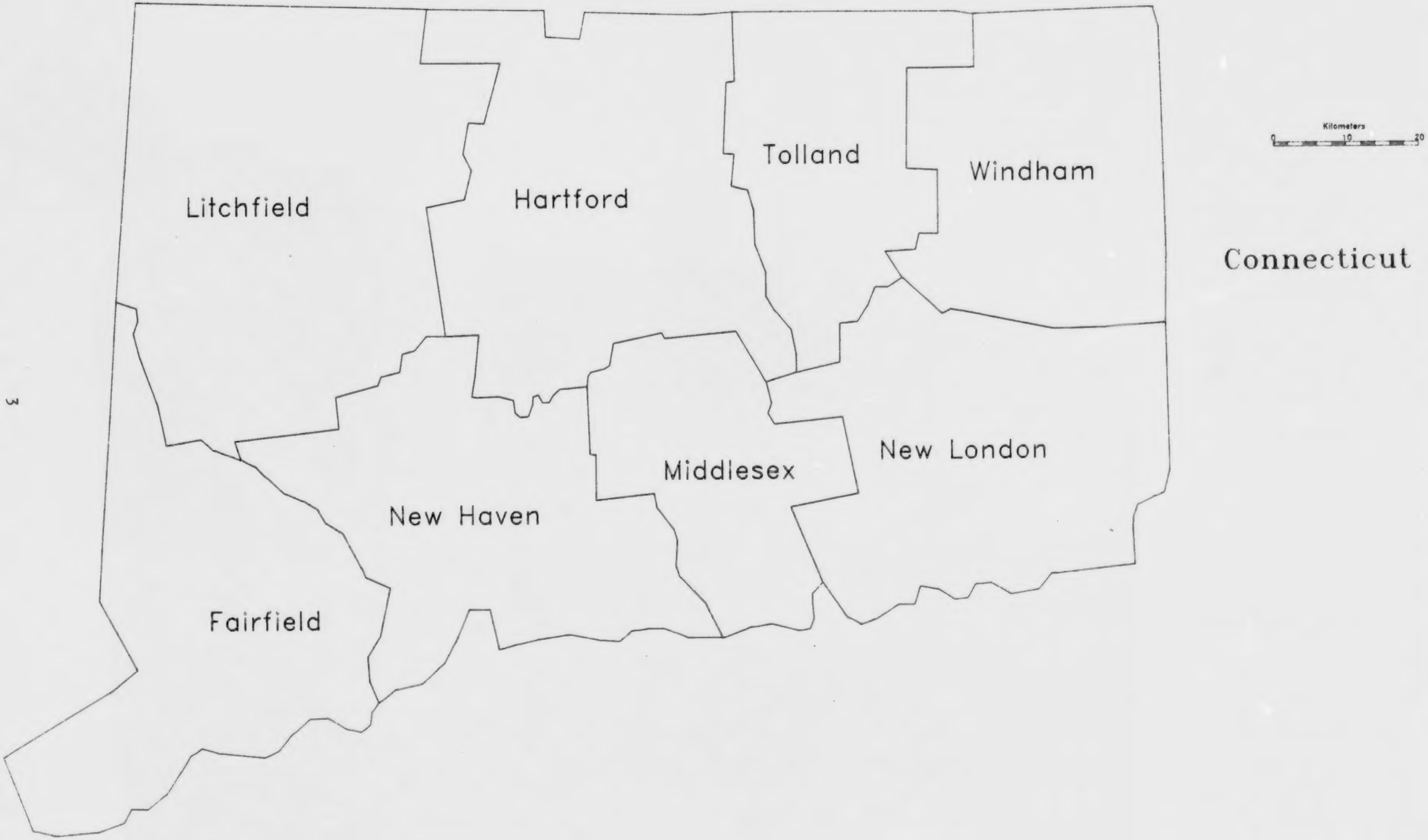
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR RHODE ISLAND

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Bristol Co	46,942							W
Kent Co	154,163							W
Newport Co	81,383							W
Providence Co	571,349		P			P		W
Washington Co	93,317							W

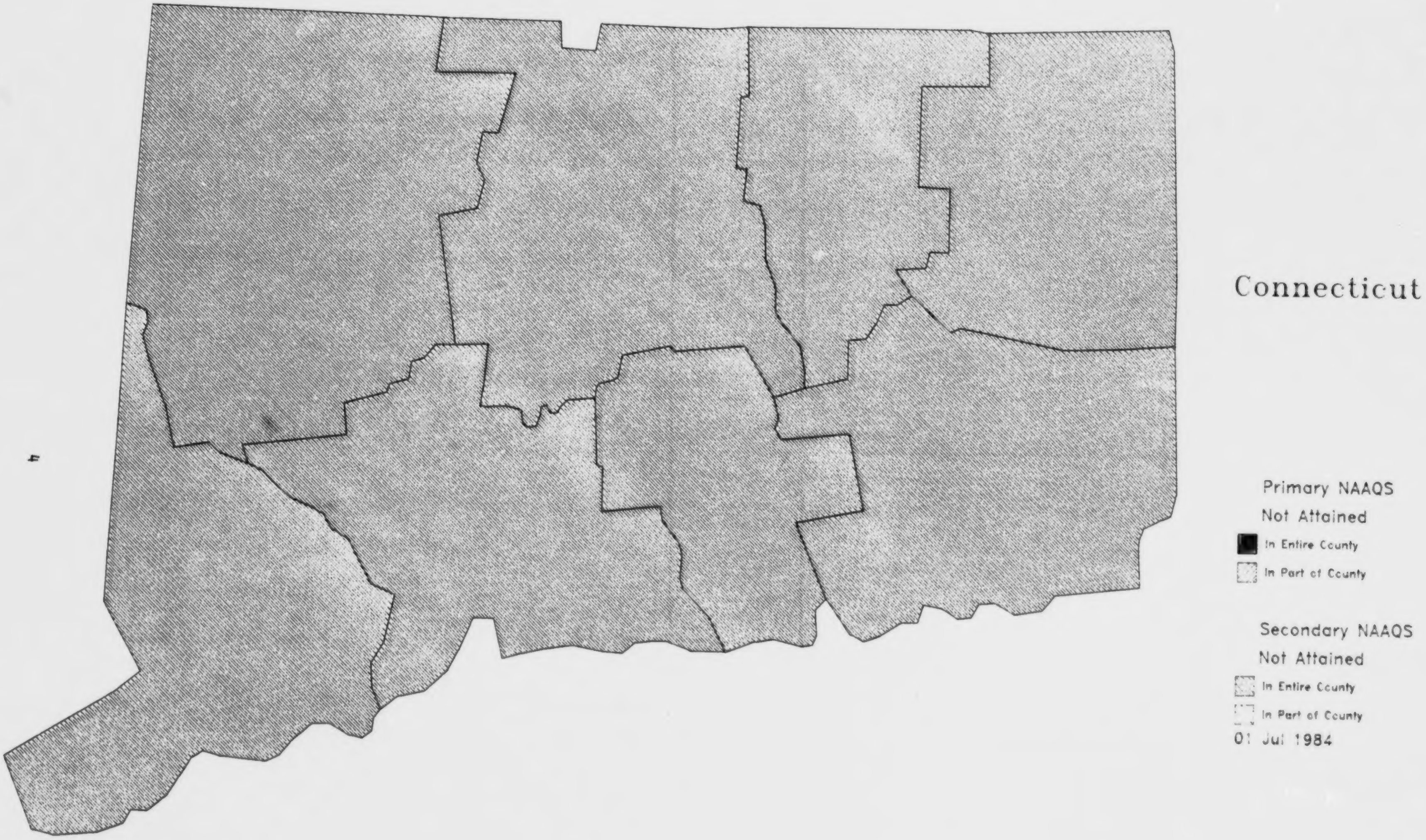
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR VERMONT

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Chittenden Co	115,534		P					
Rutland Co	58,347		P					

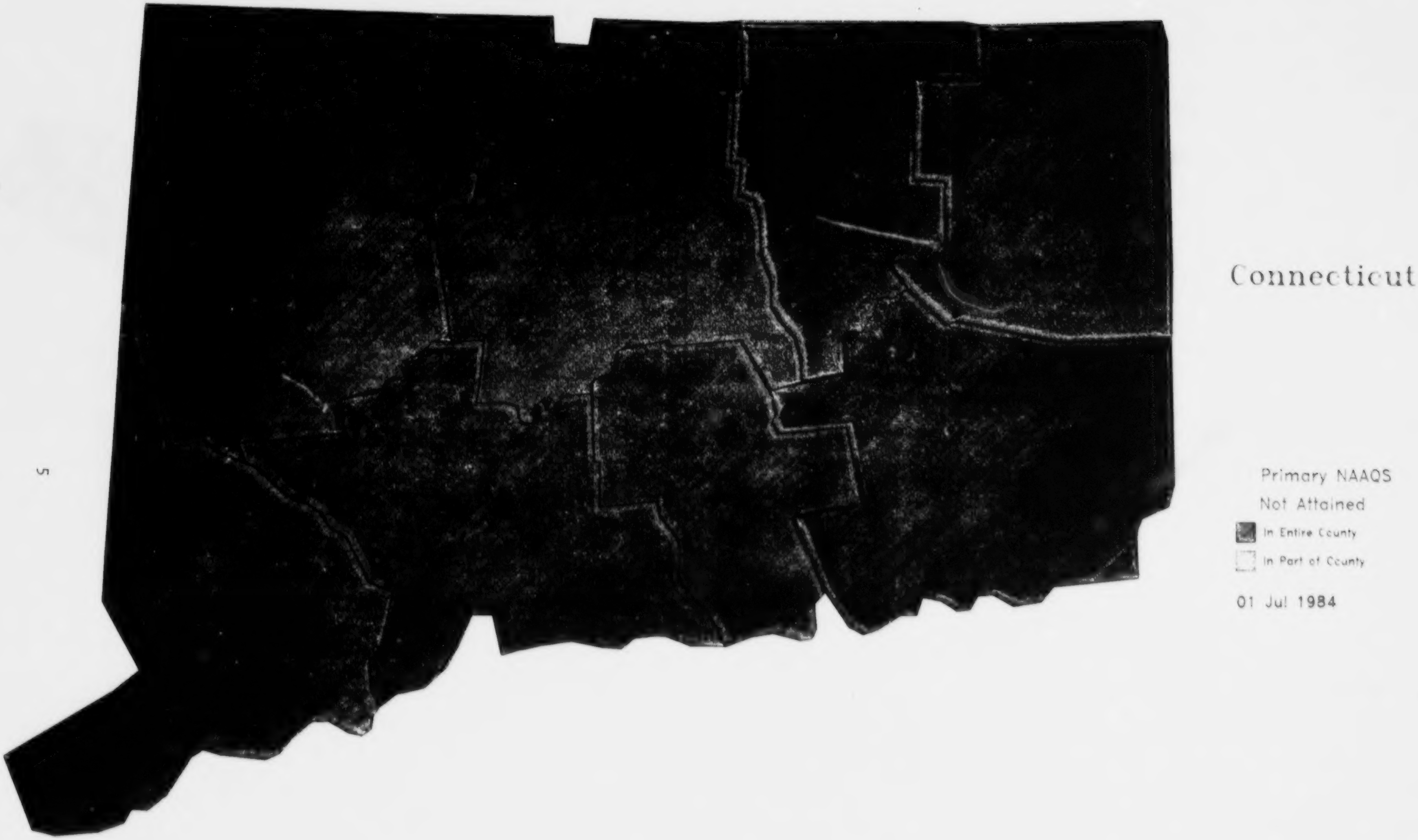
P = PART OF THE COUNTY   W = THE WHOLE COUNTY


Litchfield
Hartford
Tolland
Windham
Fairfield
New Haven
Middlesex
New London
Kilometers
0
10
20

Connecticut


Connecticut
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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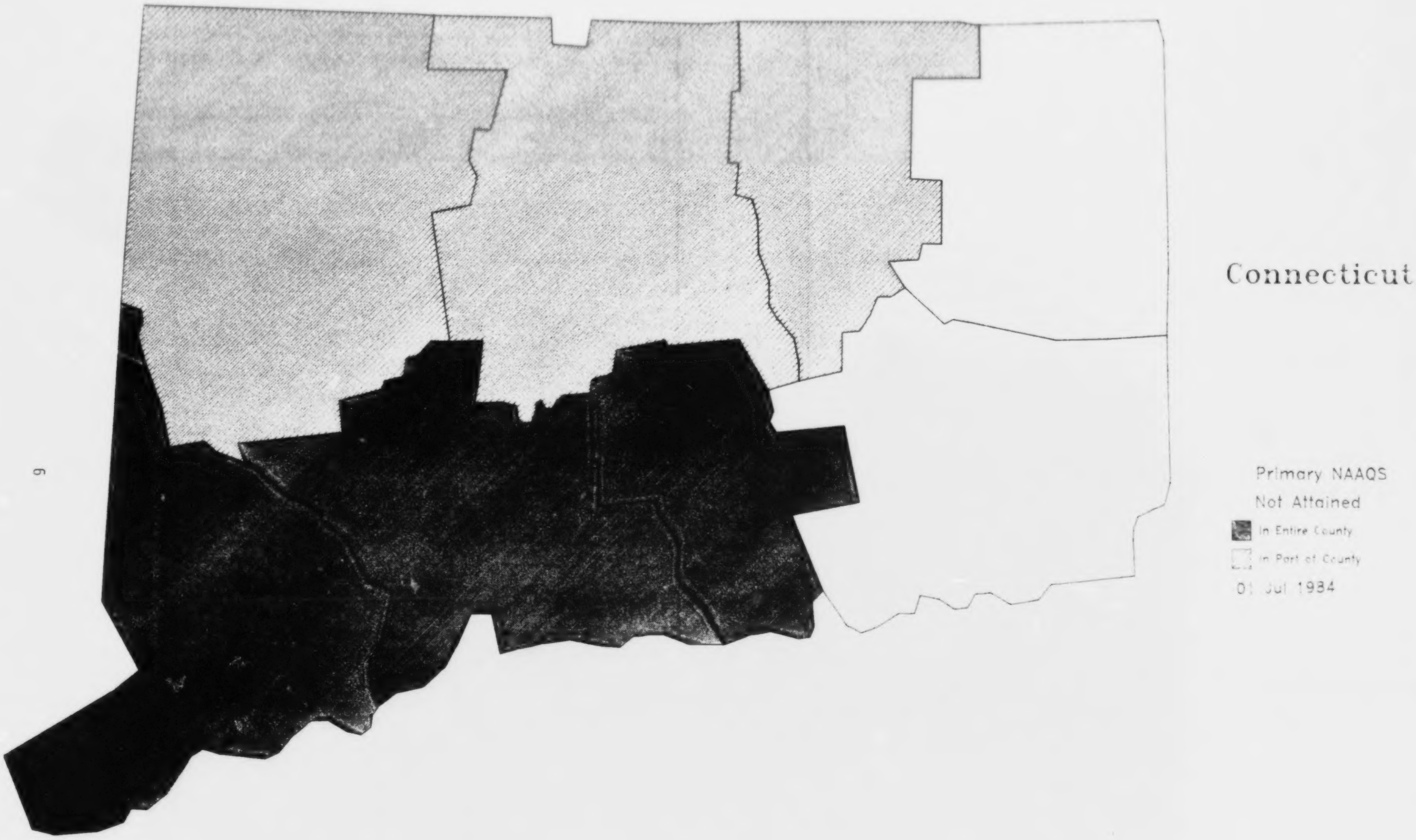
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984


Connecticut
Primary NAAQS
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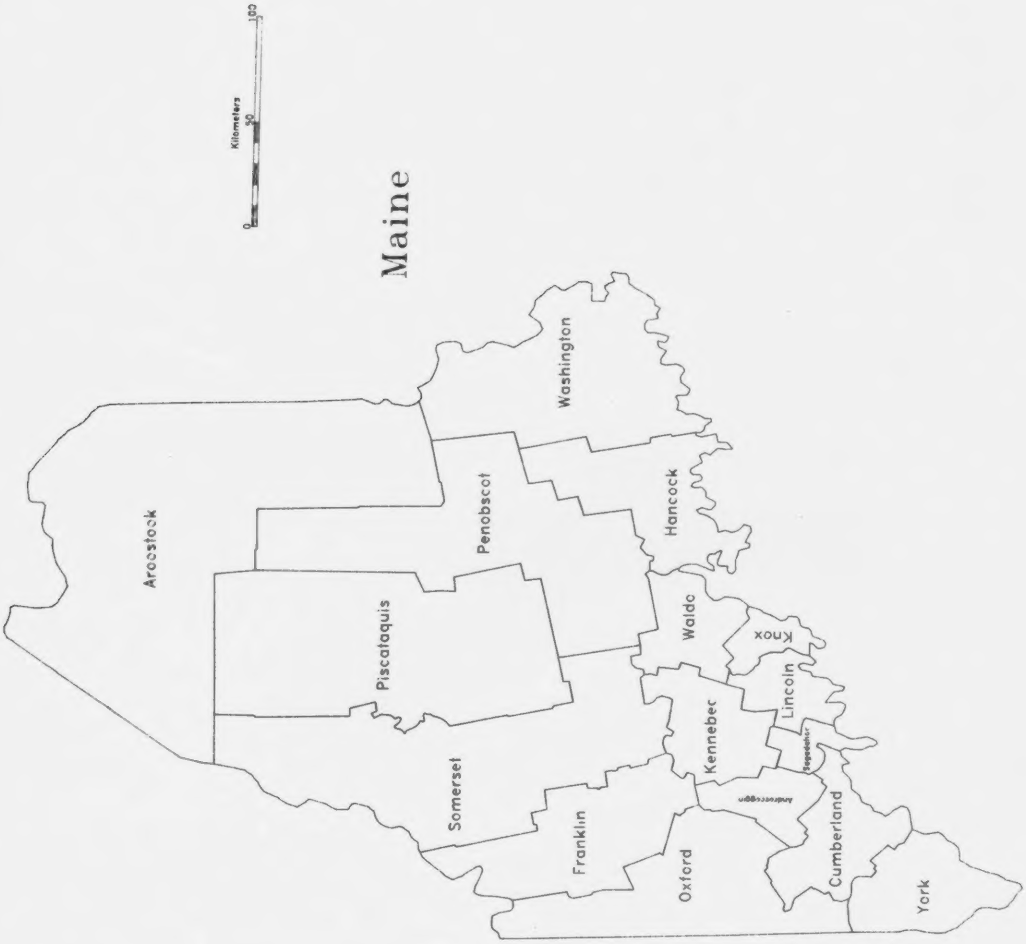
▨ In Entire County
▢ In Part of County
01 Jul 1984

Promulgated List of CO Non--Attaining Counties - 1984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Kilometers
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Aroostook
Washington
Penobscot
Hancock
Piscataquis
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Knox
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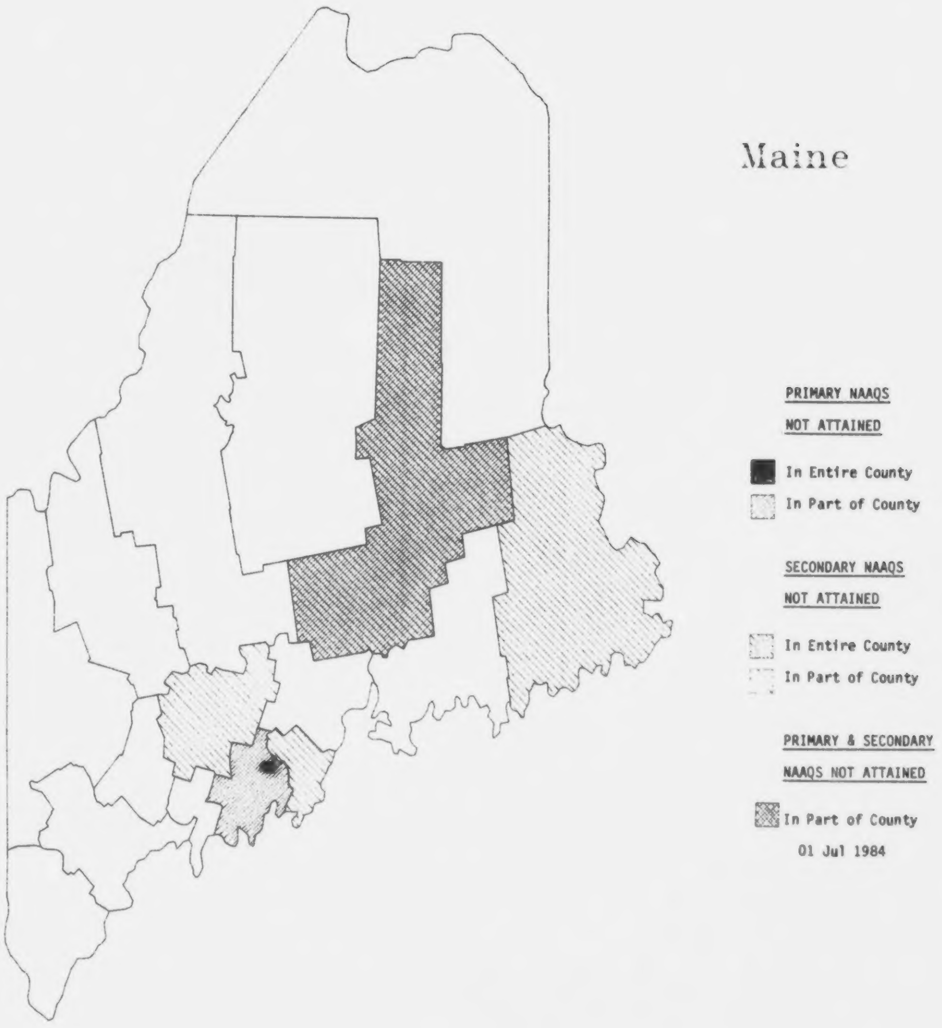
Kennebec
Sagadahoc
Androscoggin
Franklin
Oxford
Cumberland
York

Maine


PRIMARY NAAQS
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■ In Entire County
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SECONDARY NAAQS
NOT ATTAINED
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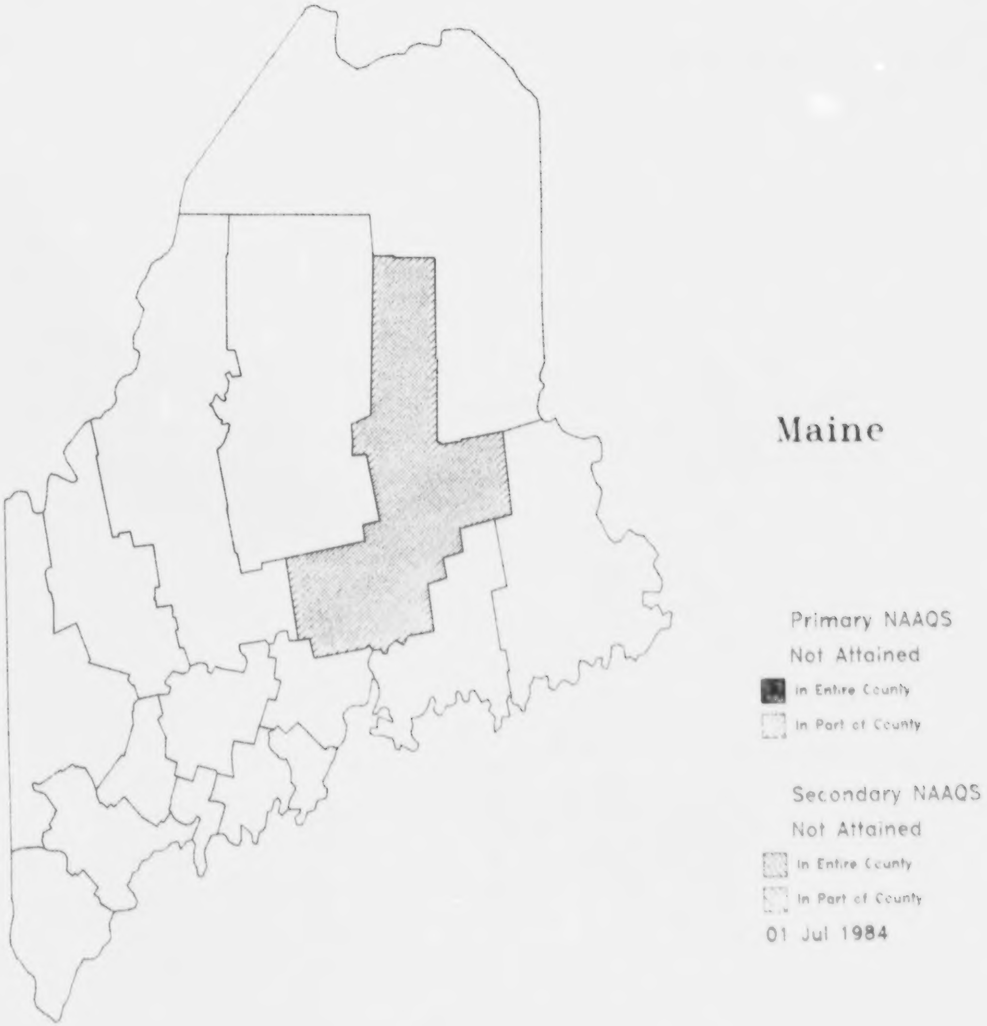
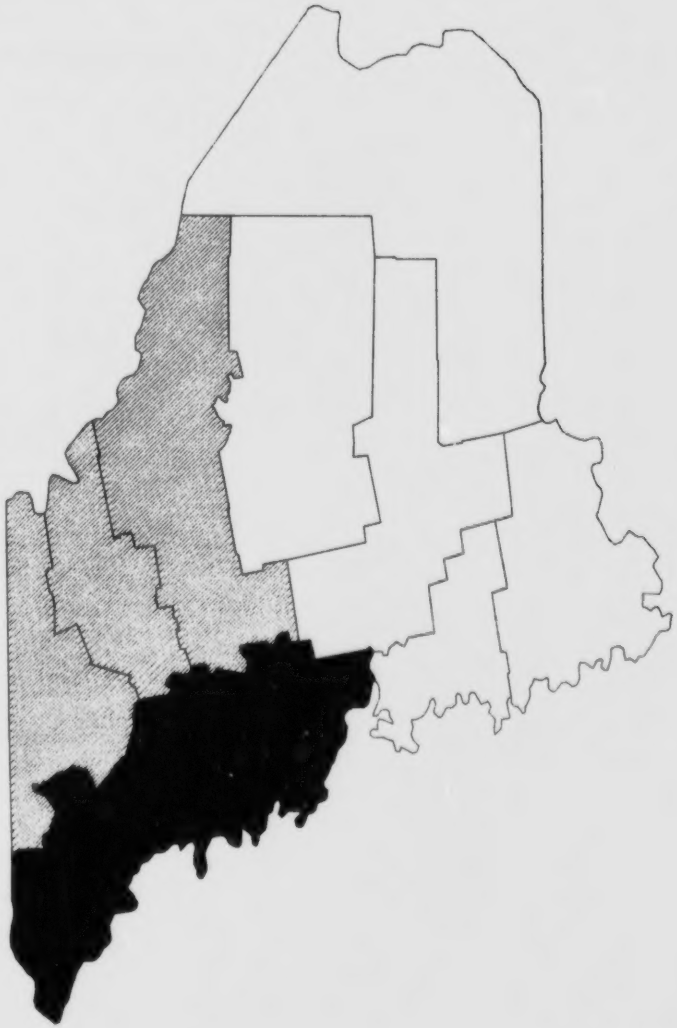
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties -- 1984


Maine
Primary NAAQS
Not Attained
■ In Entire County
☐ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties – 1984

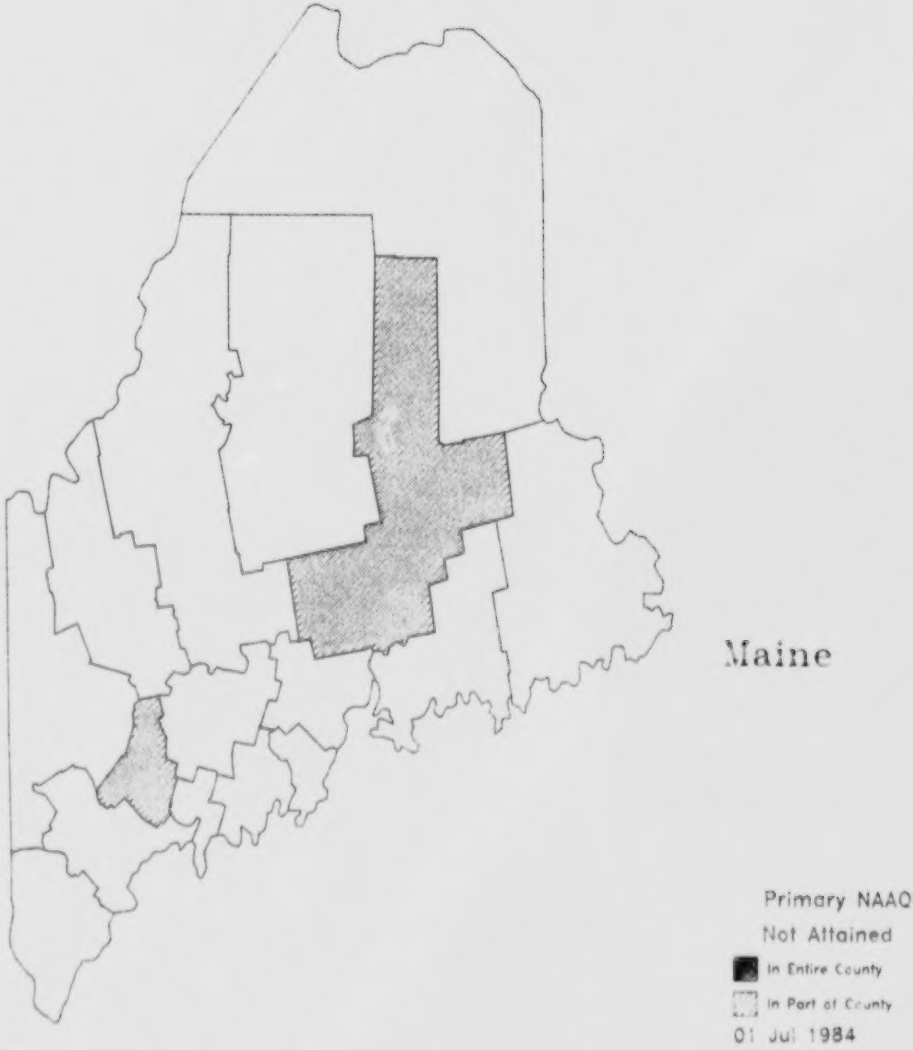
Maine



Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County

01 Jul 1984

Promulgated List of O3 Non-Attaining Counties – 1984


Maine
Primary NAAQS
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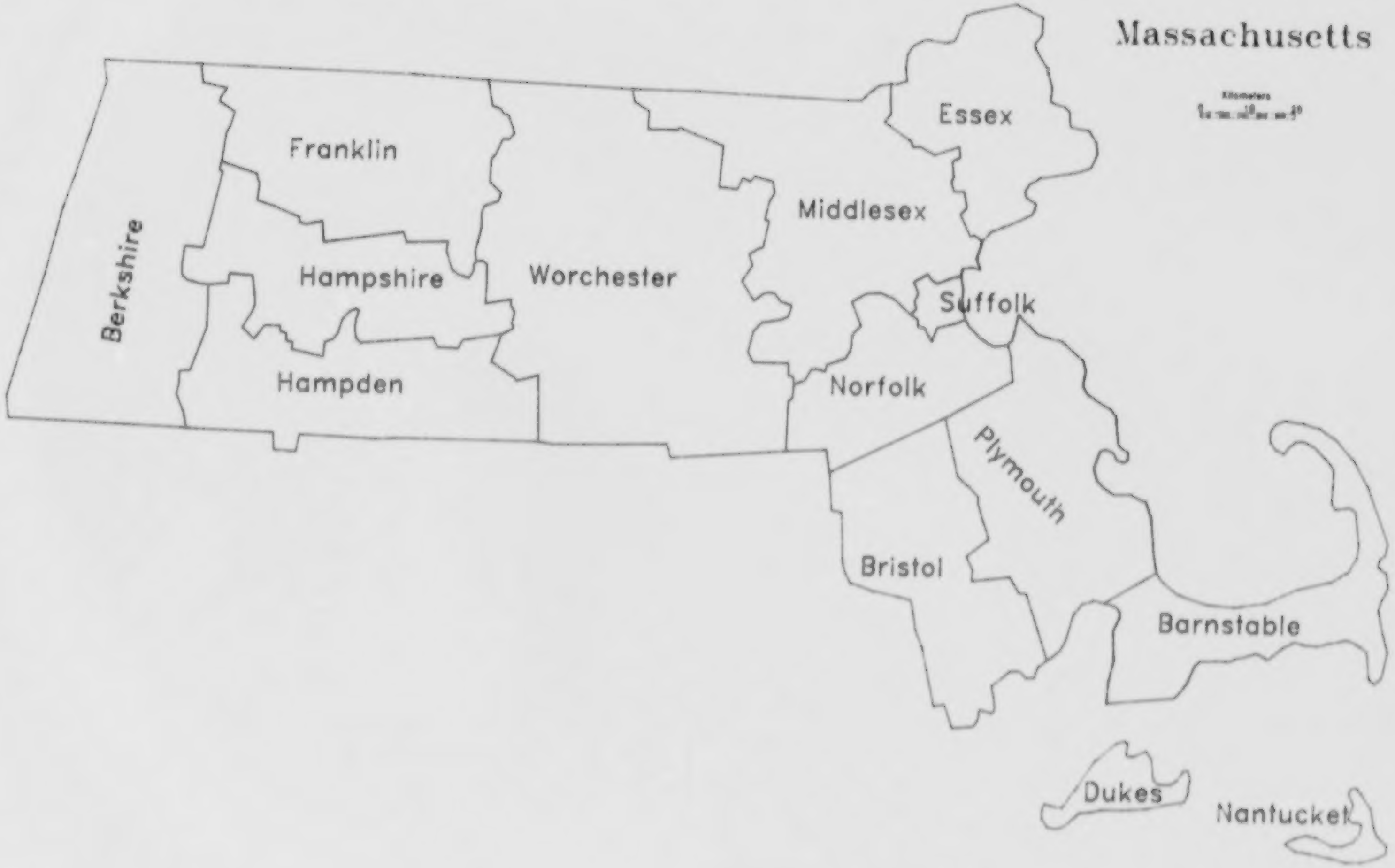
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties – 1984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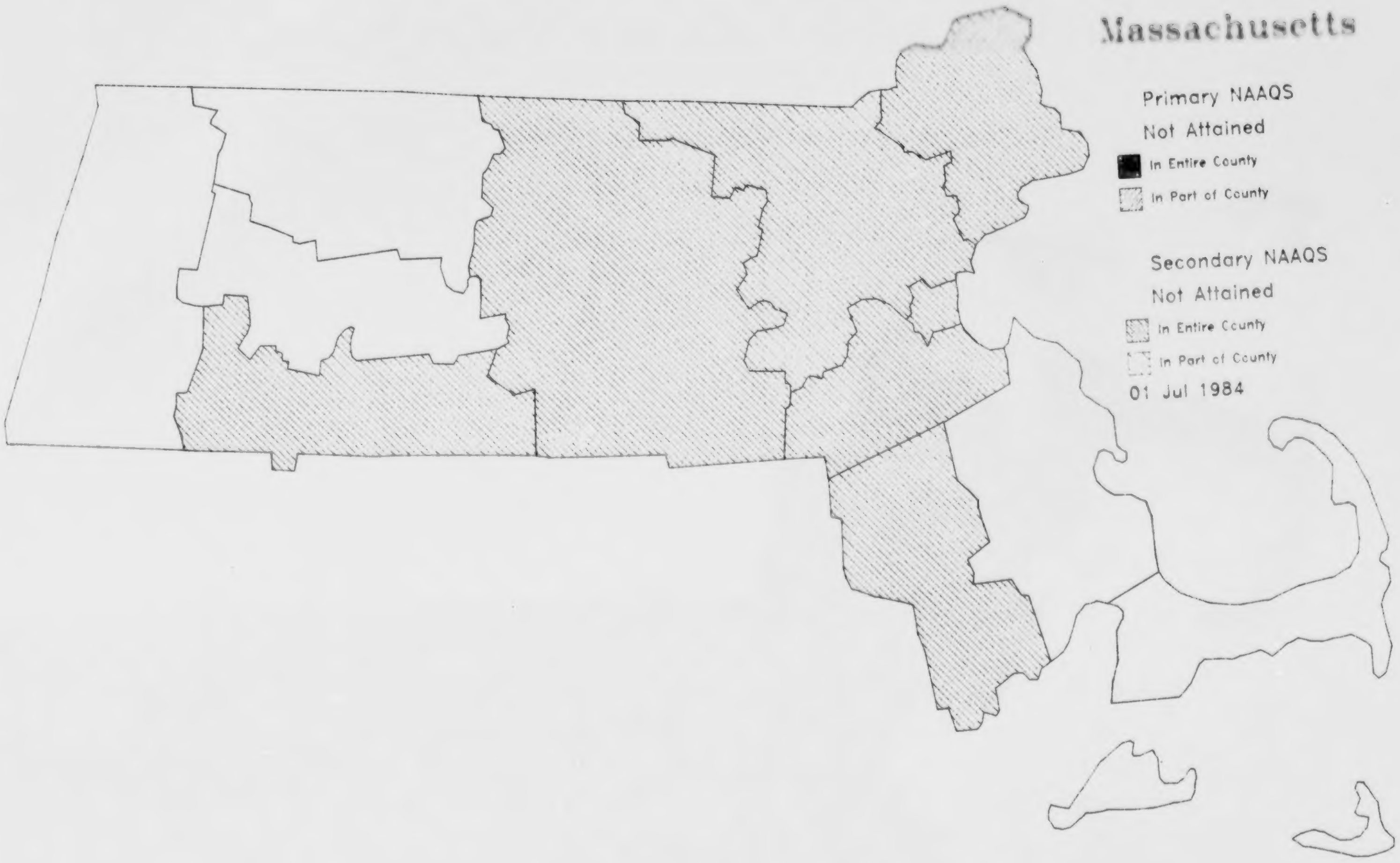
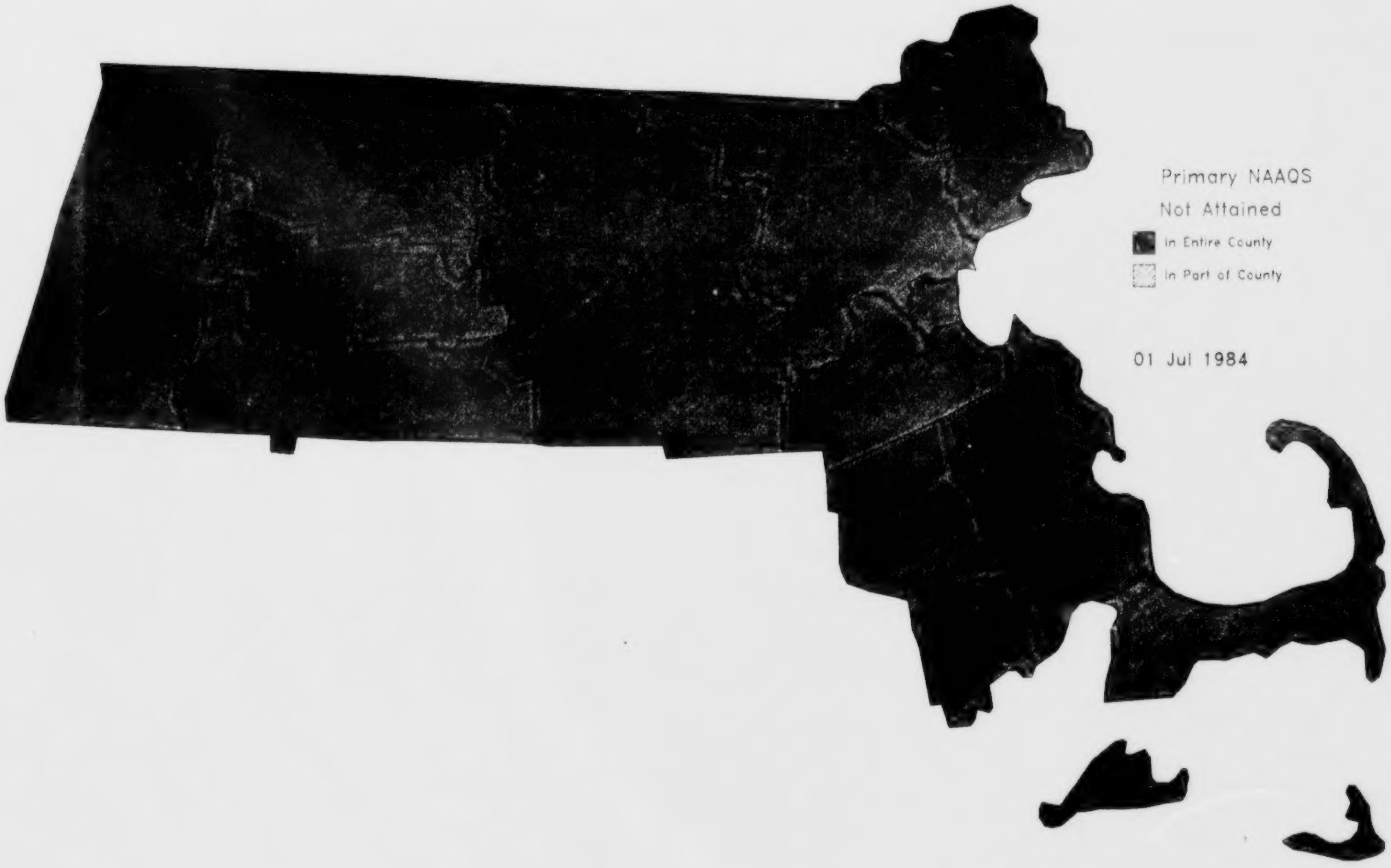
Kilometers
Berkshire
Franklin
Hampshire
Hampden
Worchester
Middlesex
Essex
Suffolk
Norfolk
Bristol
Plymouth
Barnstable
Dukes
Nantucket


Massachusetts
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984

Massachusetts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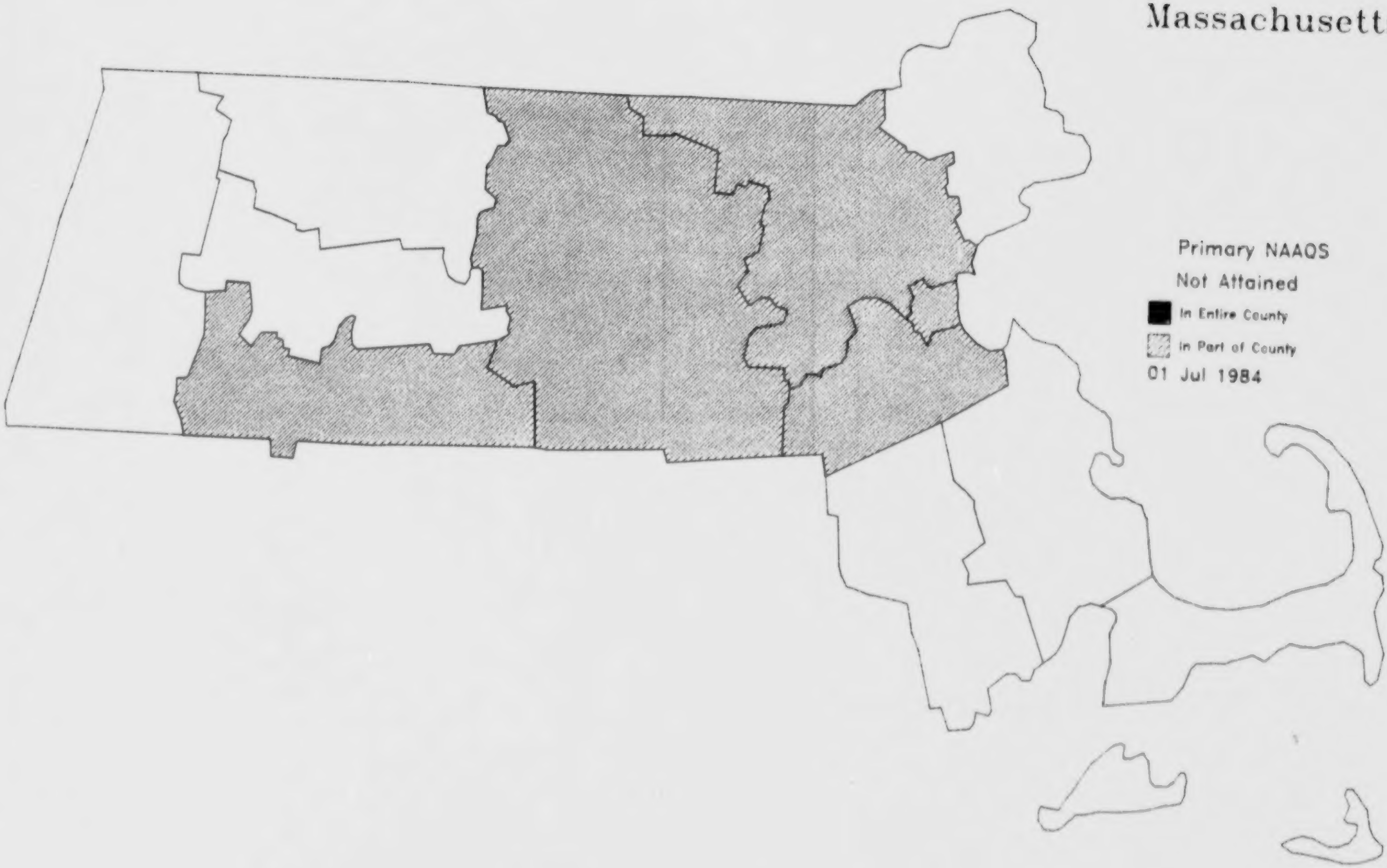
01 Jul 1984

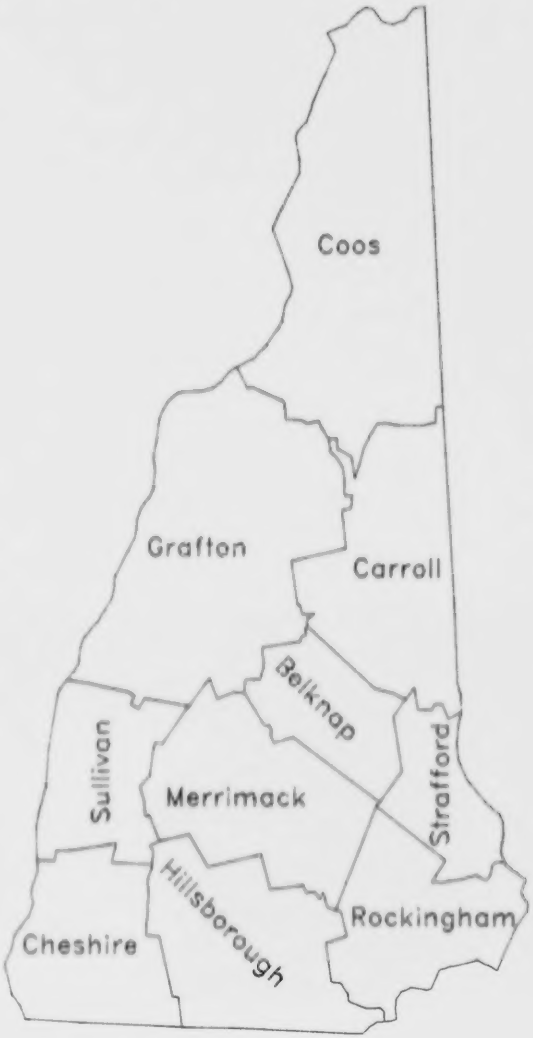
Promulgated List of O3 Non-Attaining Counties - 1984

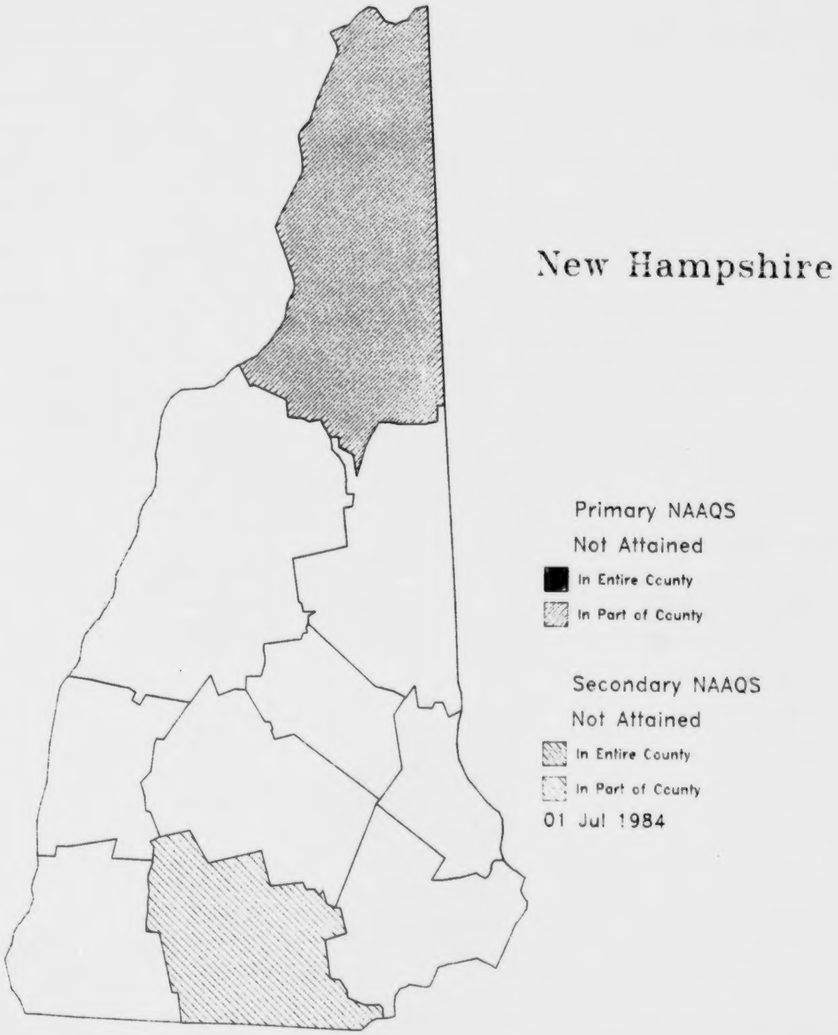
Massachusetts


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non–Attaining Counties -- 1984

New Hampshire


Kilometers
Coos
Grafton
Carroll
Belknap
Sullivan
Merrimack
Strafford
Hillsborough
Rockingham
Cheshire


New Hampshire
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
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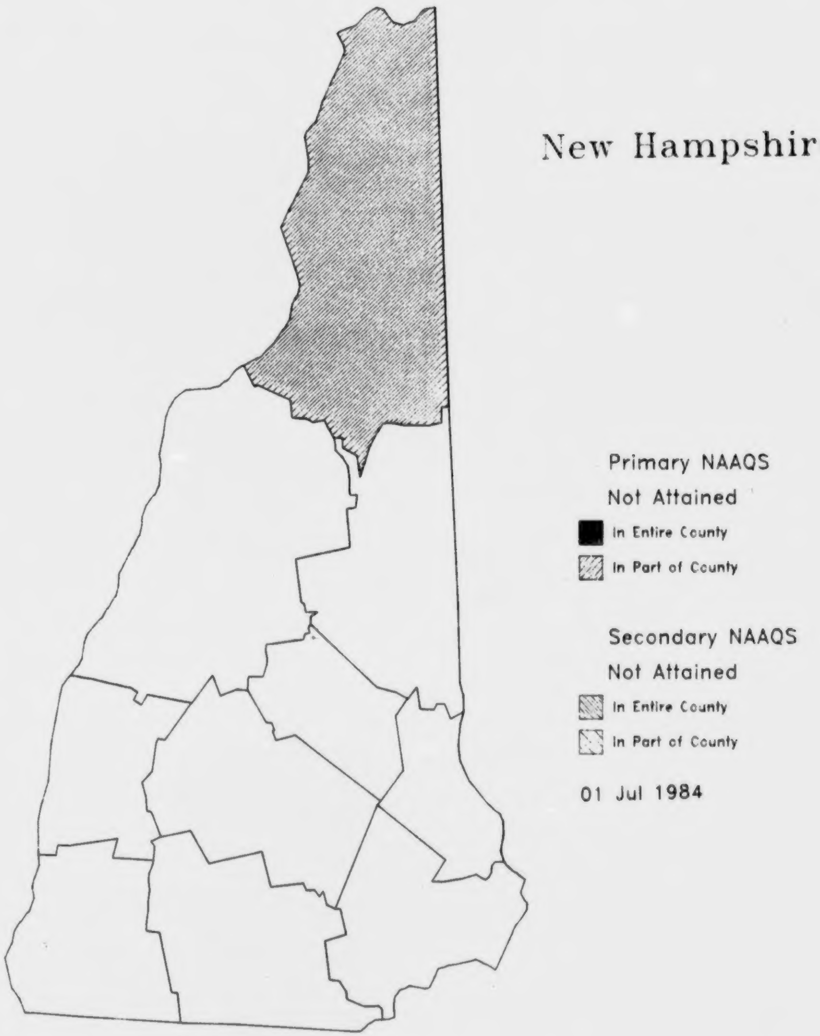
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984

New Hampshire


Primary NAAQS
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Secondary NAAQS
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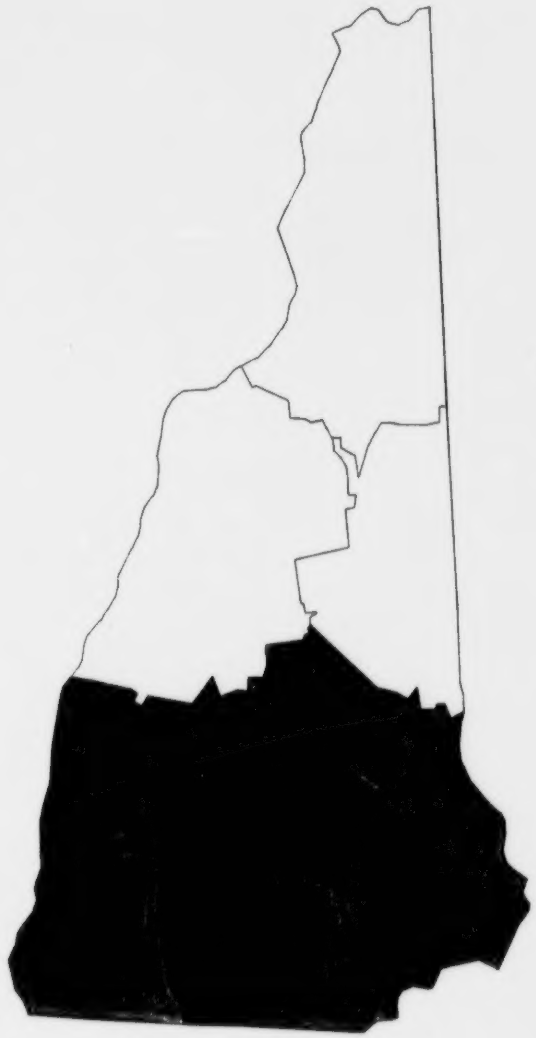
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984

New Hampshire



Primary NAAQS

Not Attained

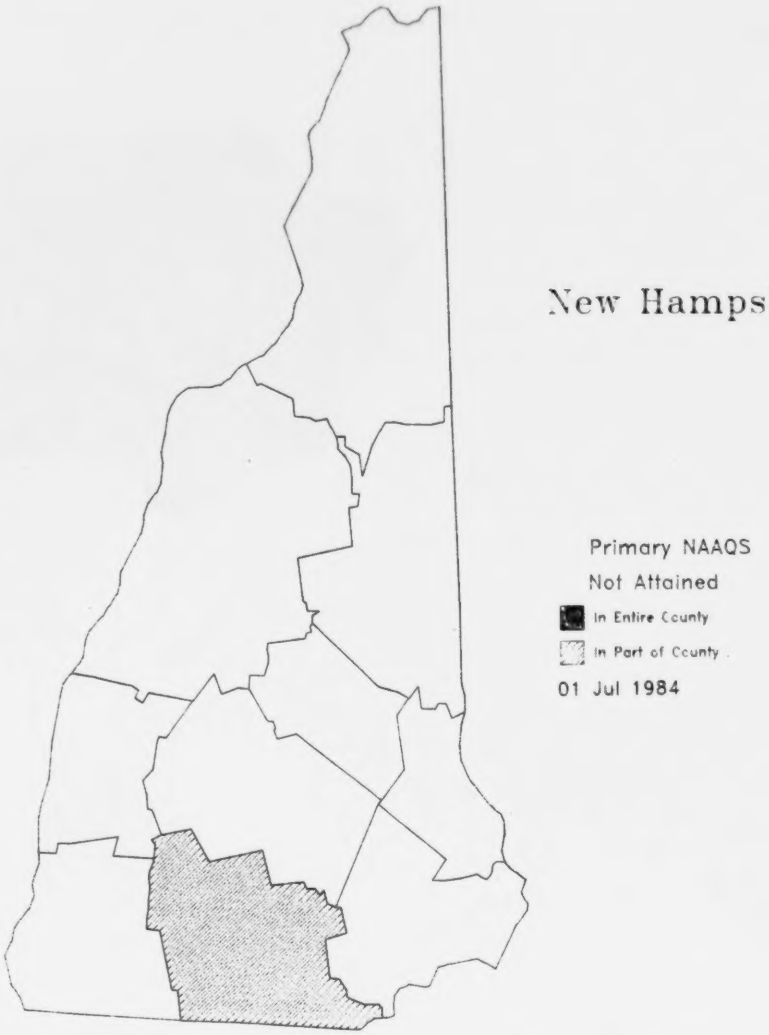
■ In Entire County

▨ In Part of County

01 Jul 1984

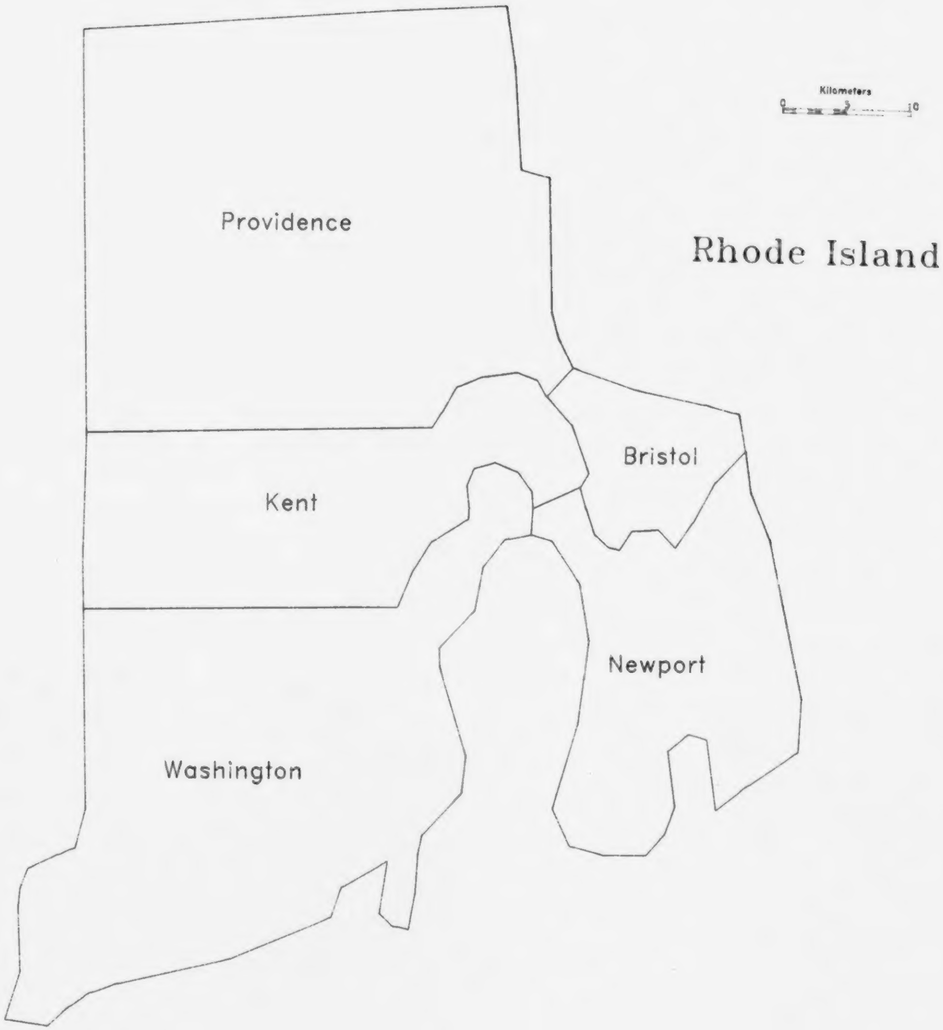
Promulgated List of 03 Non-Attaining Counties - 1984

New Hampshire


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties – 1984

Rhode Island


Kilometers
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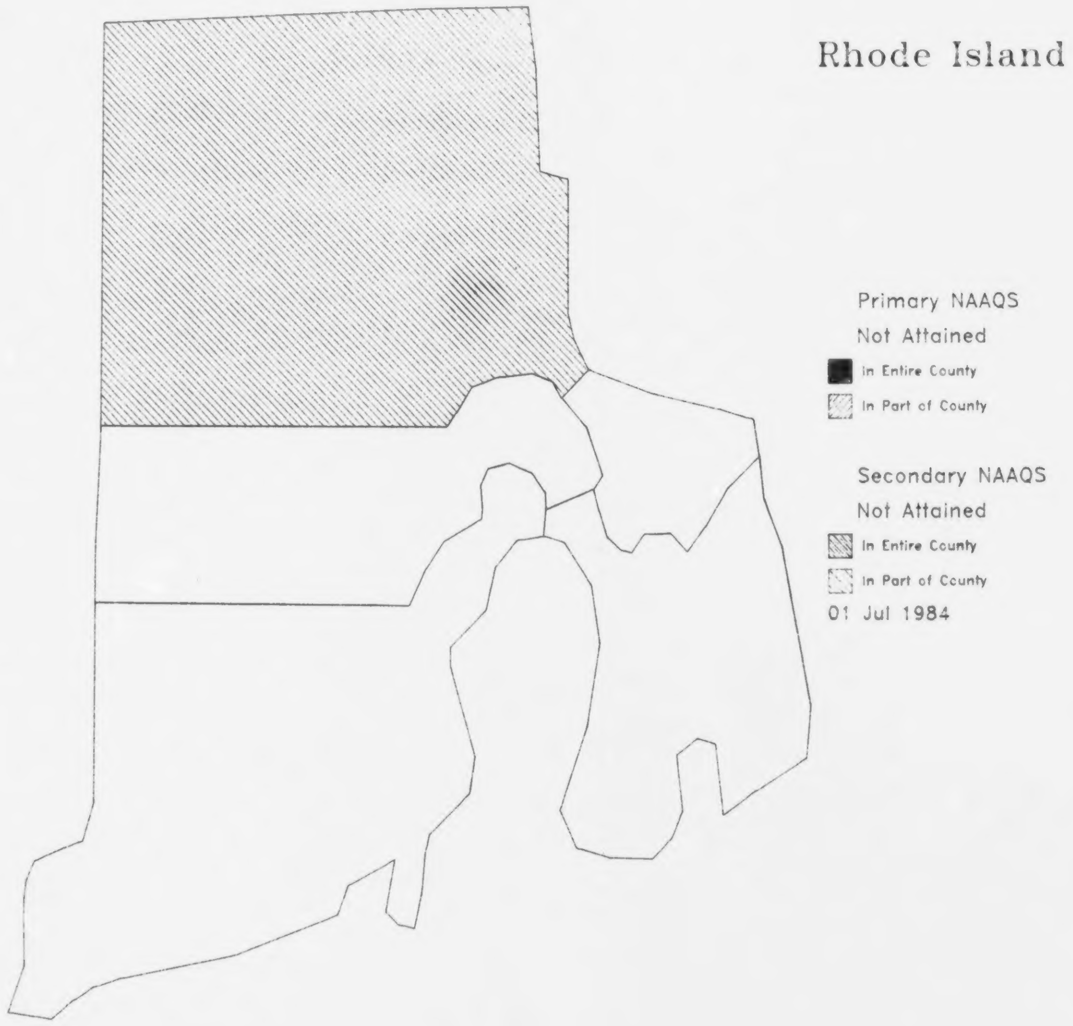
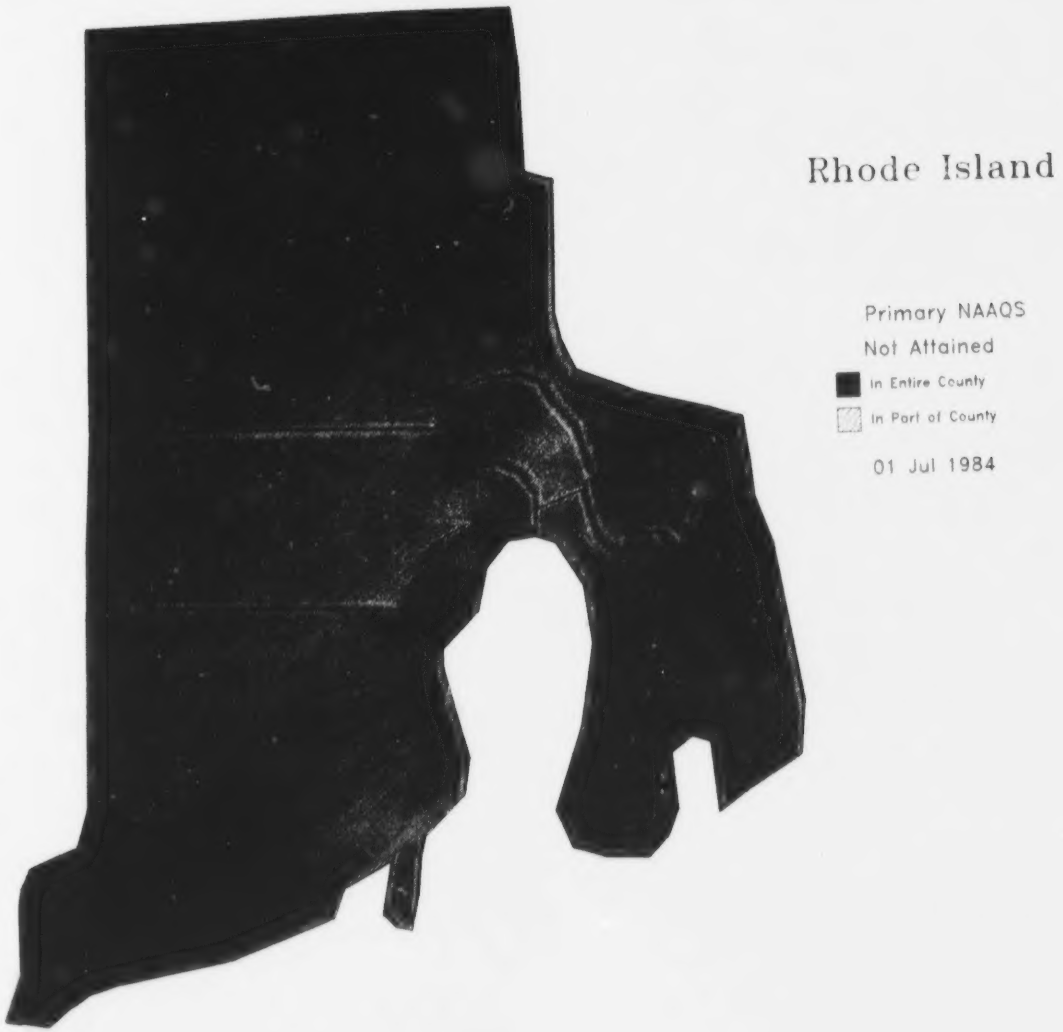
10
Providence
Kent
Bristol
Newport
Washington


Rhode Island
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Rhode Island
Primary NAAQS
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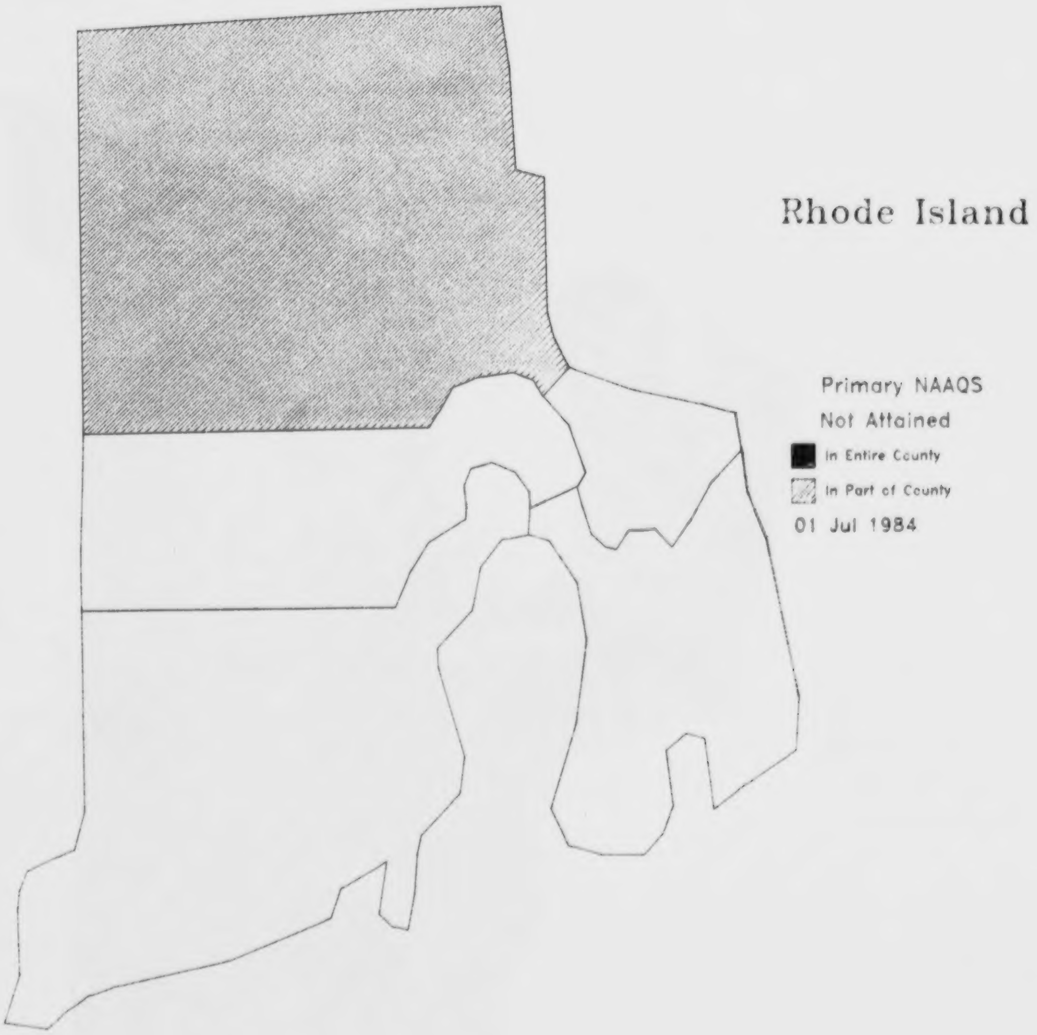
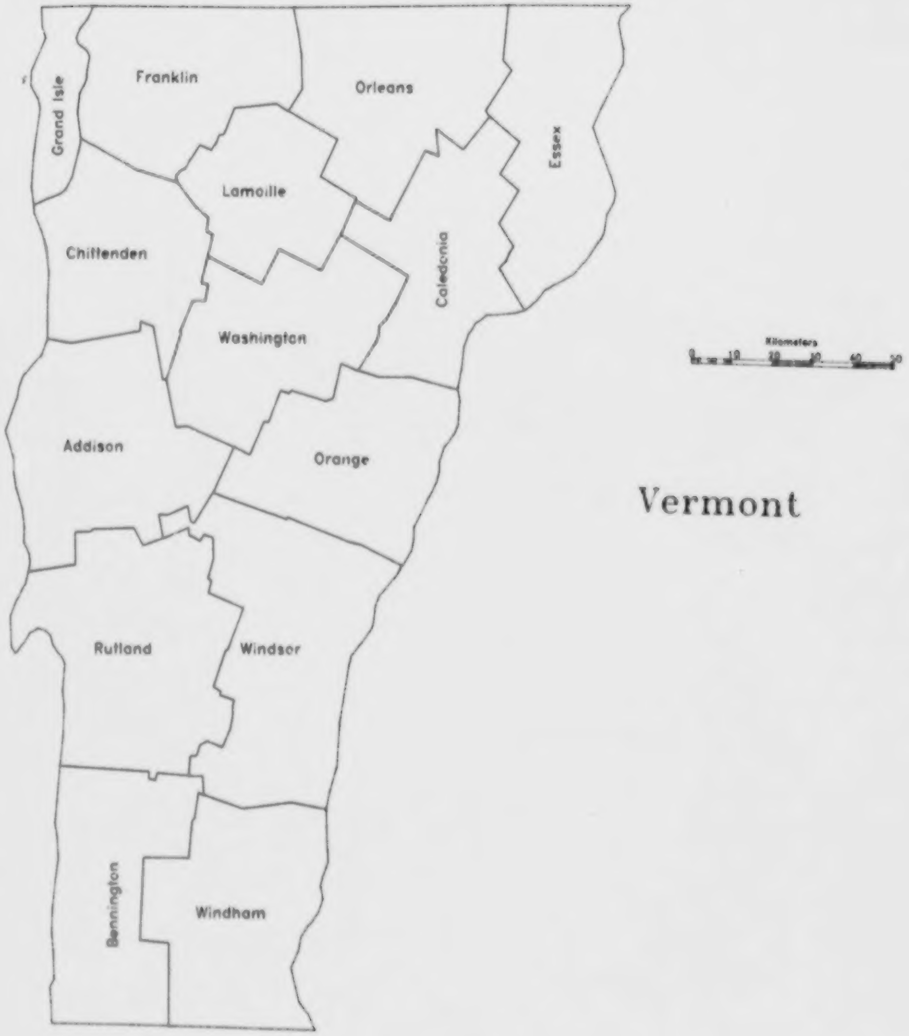
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984


Rhode Island
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties – 1984


Grand Isle
Franklin
Orleans
Essex
Lamoille
Chittenden
Caledonia
Washington
Addison
Orange
Rutland
Windsor
Bennington
Windham
Kilometers
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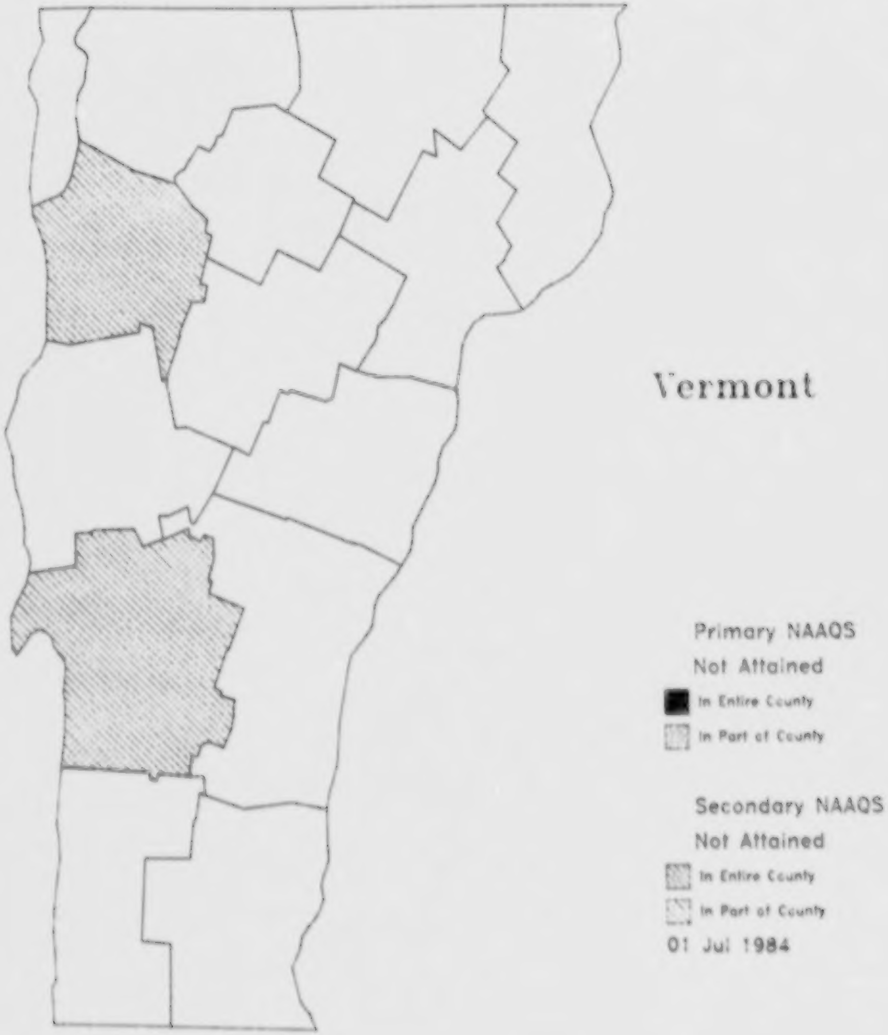
20
30
40
50

Vermont

Vermont


Primary NAAQS
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■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984

Region II

New Jersey, New York, Puerto Rico, Virgin Islands

Air Programs Branch
EPA Region II
Federal Office Building
26 Federal Plaza
New York, New York 10007
(212) 264-2517

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
NEW JERSEY

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Atlantic Co	194,119					P		W
Bergen Co	845,385					P		W
Burlington Co	362,542					P		W
Camden Co	471,650		P			P		W
Cape May Co	82,266							W
Cumberland Co	132,866		P					W
Essex Co	851,116		P			P		W
Gloucester Co	199,917							W
Hudson Co	556,972		W			P		W
Hunterdon Co	87,361							W
Mercer Co	307,863					P		W
Middlesex Co	595,893		P			P		W
Monmouth Co	503,173					P		W
Morris Co	407,630					P		W
Ocean Co	346,038					P		W
Passaic Co	447,585					P		W
Salem Co	64,676					P		W
Somerset Co	203,129					P		W
Sussex Co	116,119							W
Union Co	504,094		P			P		W
Warren Co	84,429							W

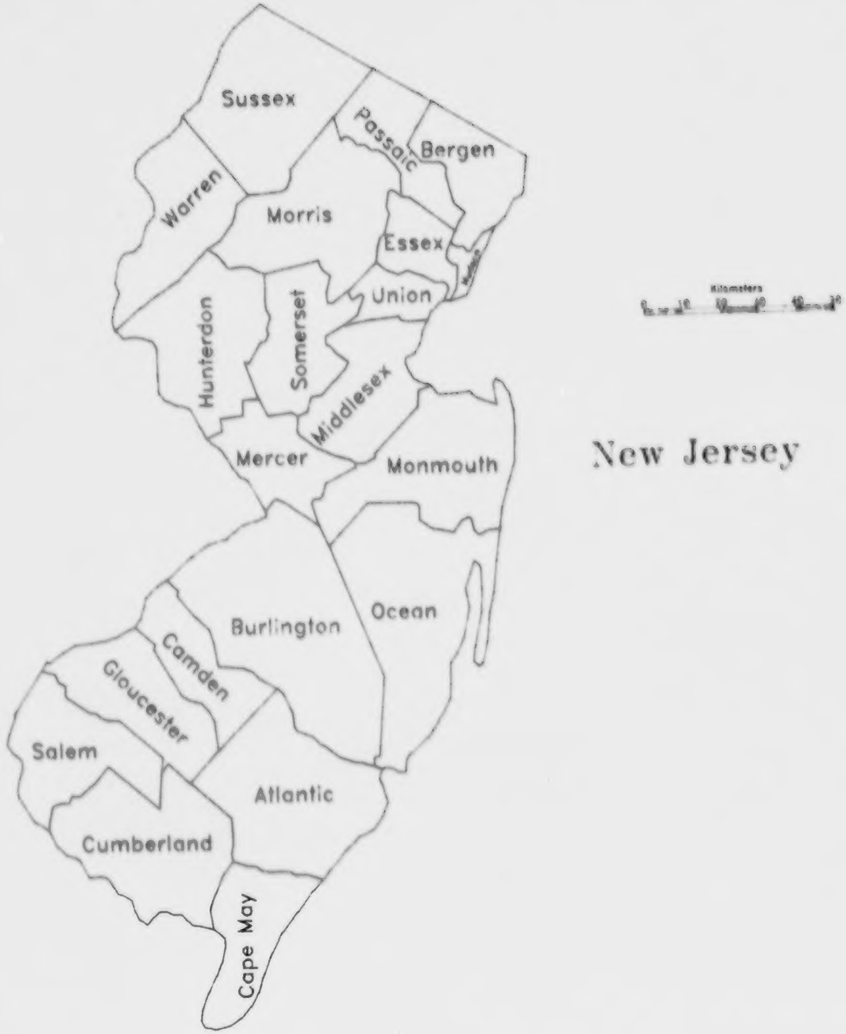
COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
NEW YORK

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Albany Co	285,909		P			P		W
Bronx Co	1,168,972		P			W		W
Columbia Co	59,487							W
Dutchess Co	245,055							W
Erie Co	1,015,472	P	P					
Greene Co	40,861		P					W
Kings Co	2,230,936		P			W		W
Nassau Co	1,321,582					P		W
New York Co	1,428,285		W			W		W
Niagara Co	227,354		P					
Onondaga Co	463,920		P			P		
Orange Co	259,603							W
Putnam Co	77,193							W
Queens Co	1,891,325		P			W		W
Rensselaer Co	151,966							W
Richmond Co	352,121					P		W
Rockland Co	259,530							W
Saratoga Co	153,759					P		P
Schenectady Co	149,946							W
Suffolk Co	1,284,231							W
Ulster Co	158,158							W
Westchester Co	866,599					P		W

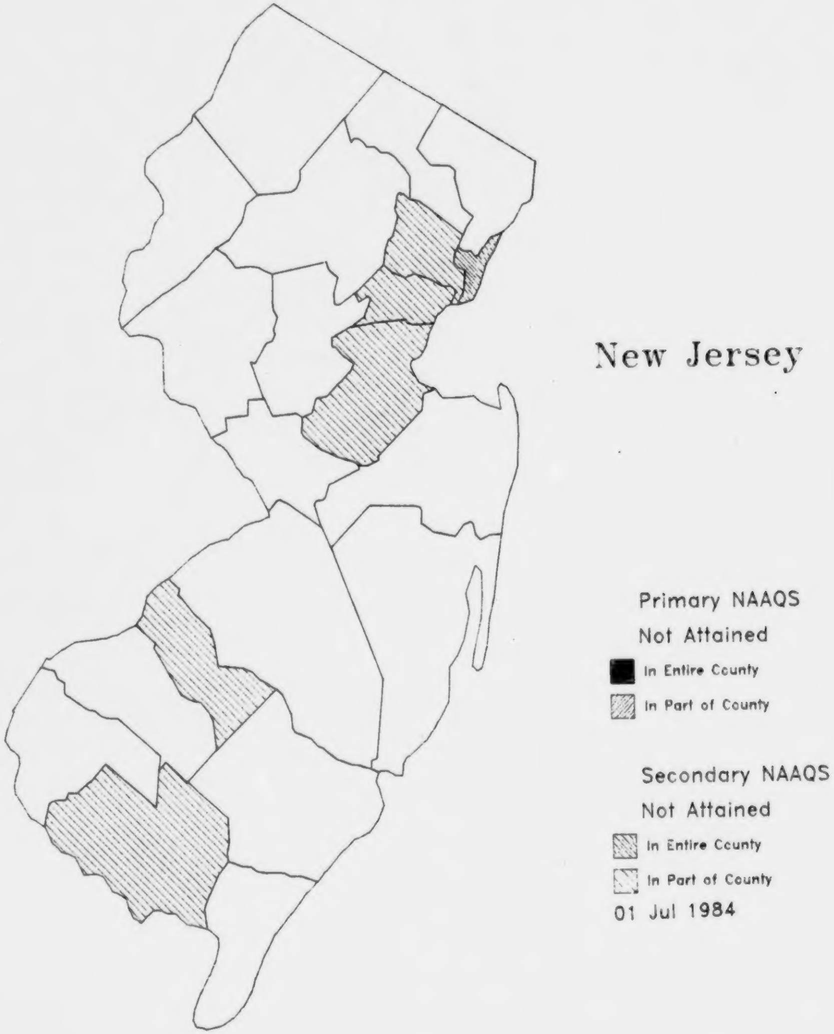
P = PART OF THE COUNTY W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR PUERTO RICO

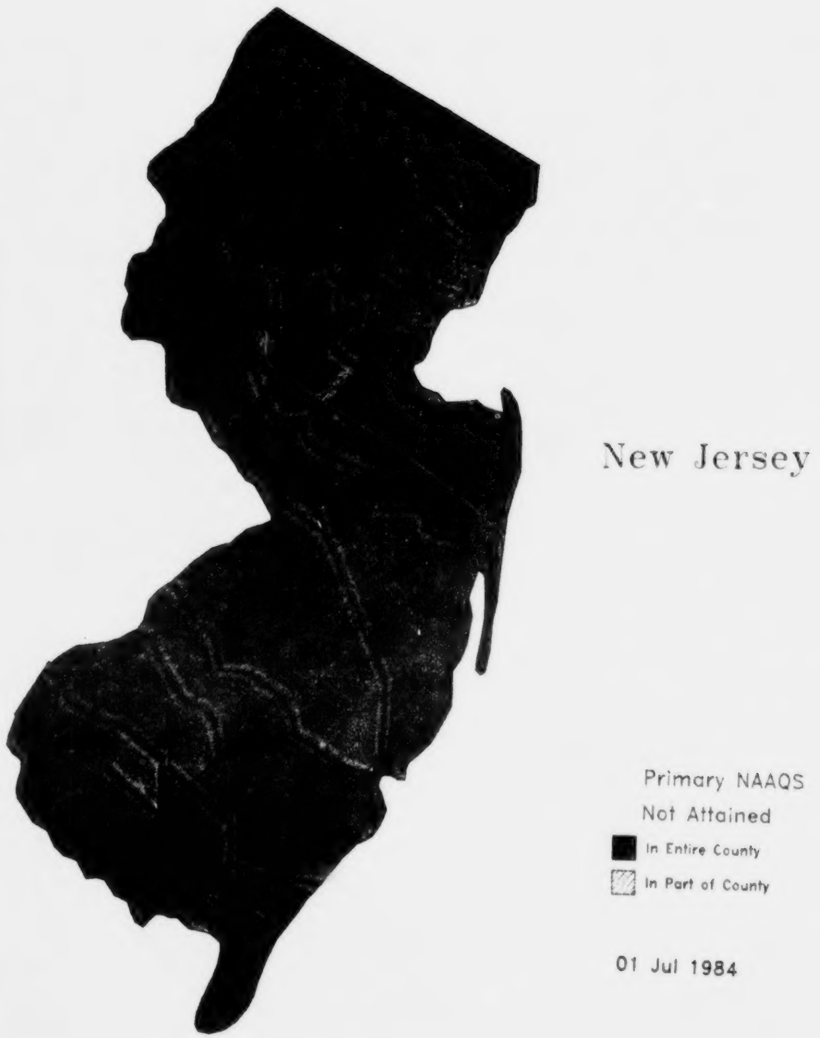
COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Bayamon Co	196,206	P						
Catano Co	26,243	W						
Guaynabo Co	80,742	P						
Toa Baja Co	78,246	P						


Kilometers
Sussex
Passaic
Bergen
Warren
Morris
Essex
Union
Hunterdon
Somerset
Middlesex
Mercer
Monmouth
Burlington
Ocean
Camden
Gloucester
Salem
Atlantic
Cumberland
Cape May

New Jersey


New Jersey
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


New Jersey
Primary NAAQS
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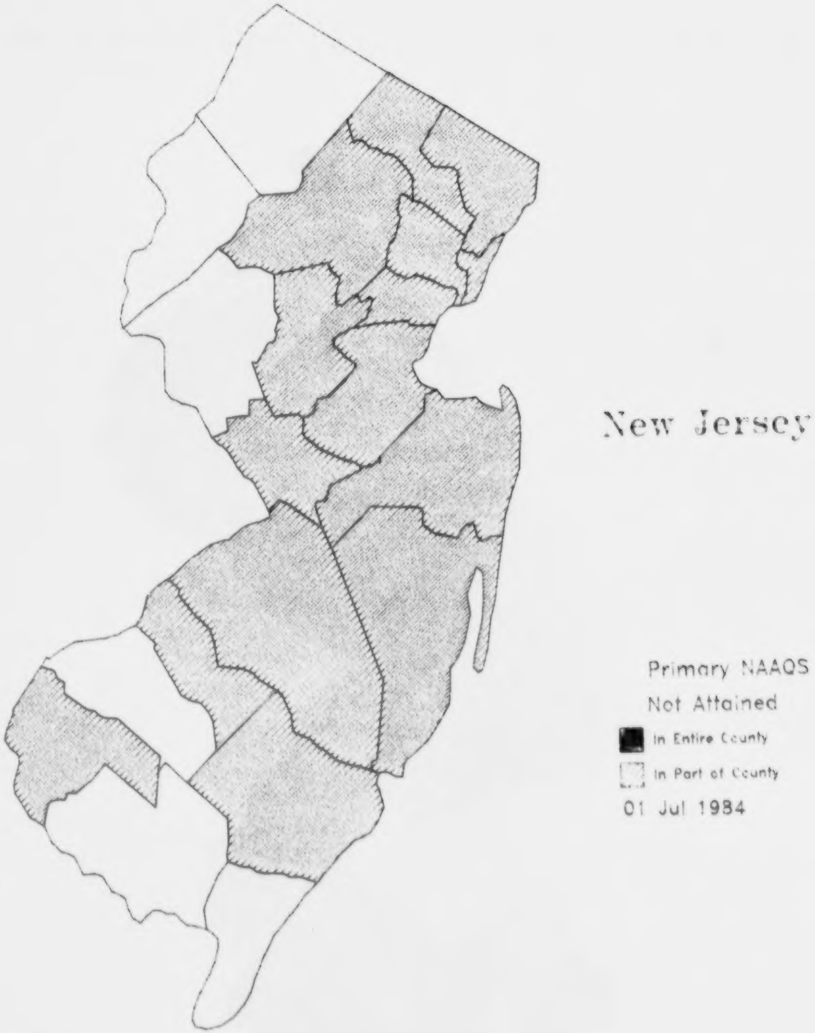
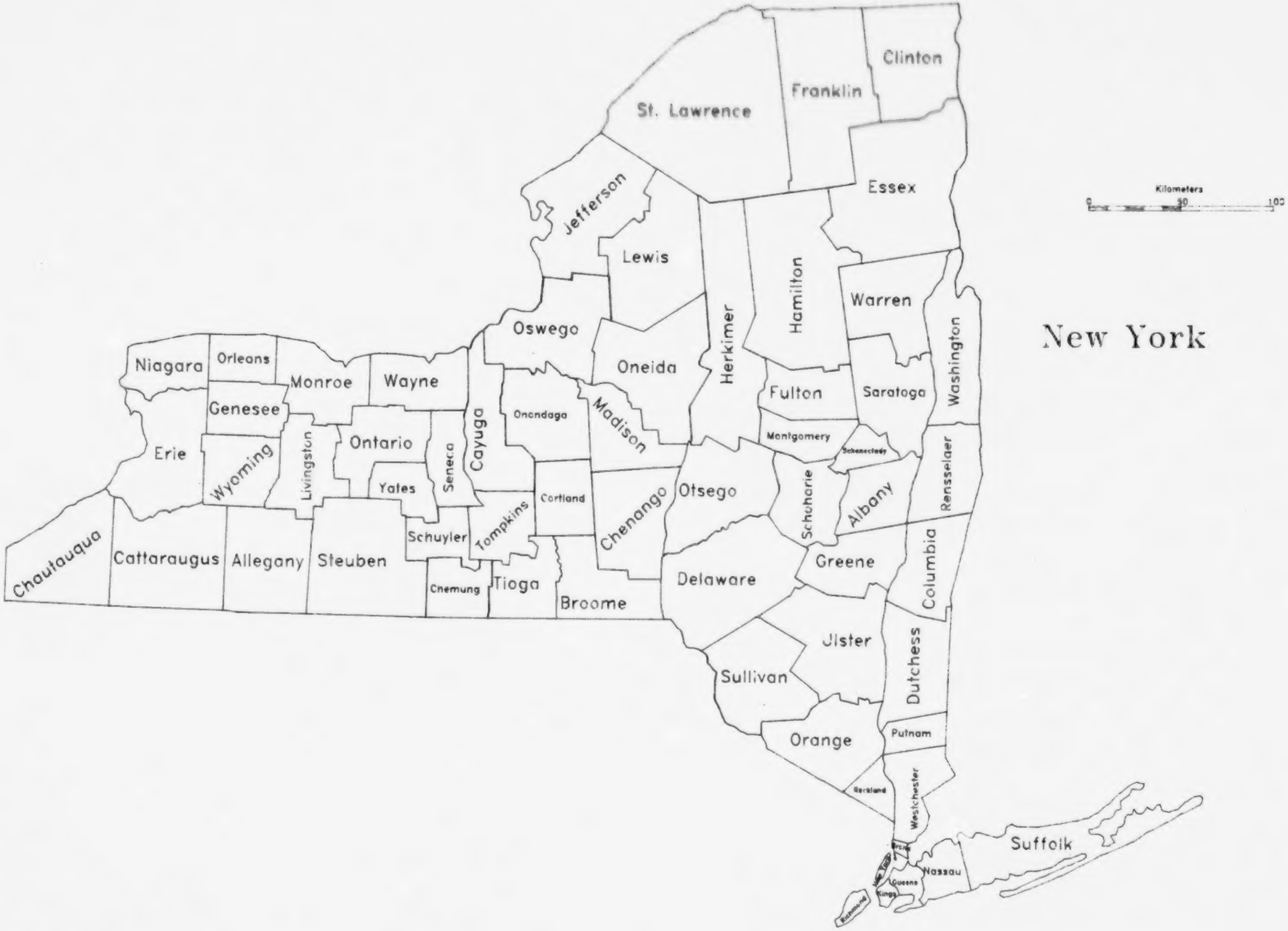
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984


New Jersey
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

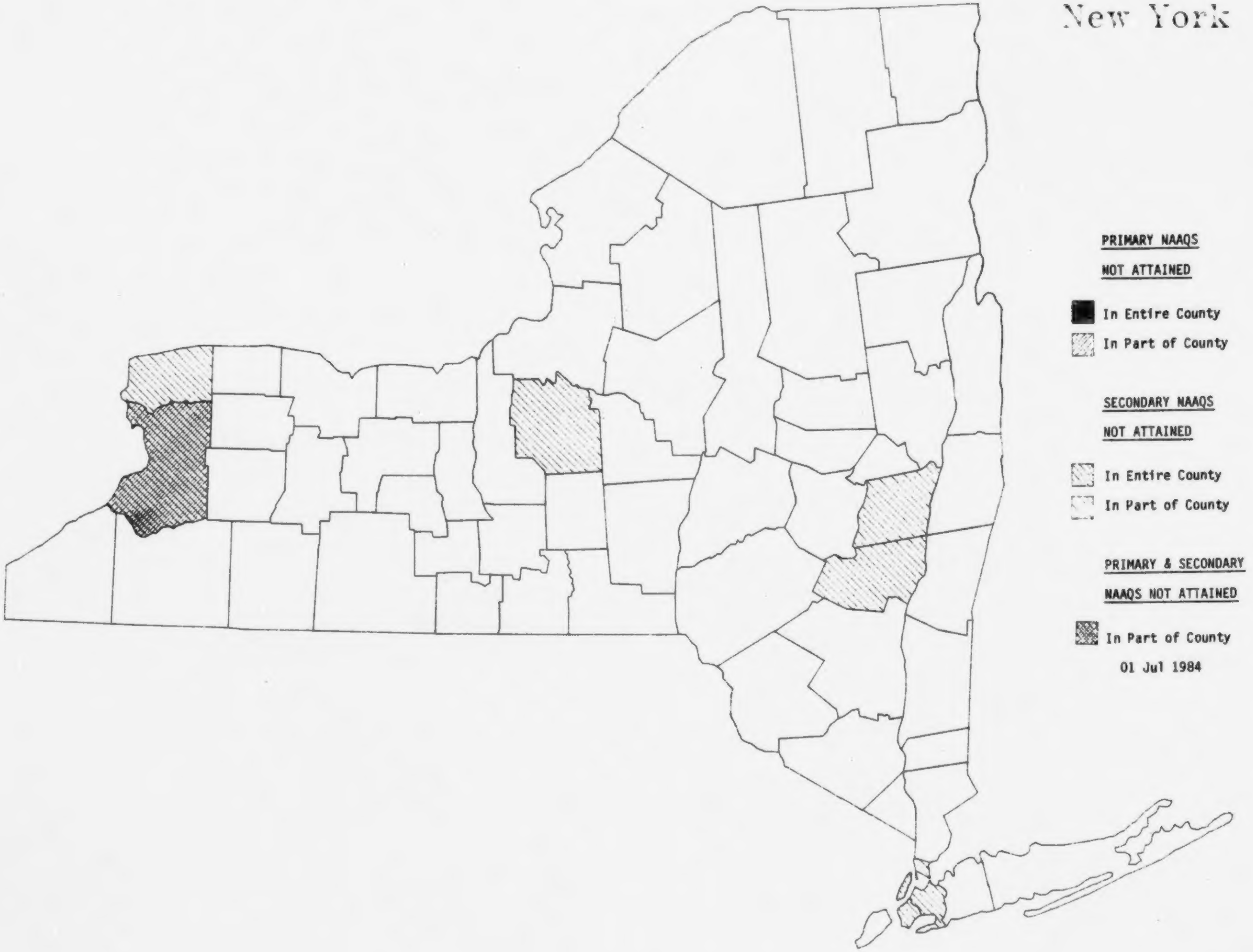
Promulgated List of CO Non-Attaining Counties – 1984



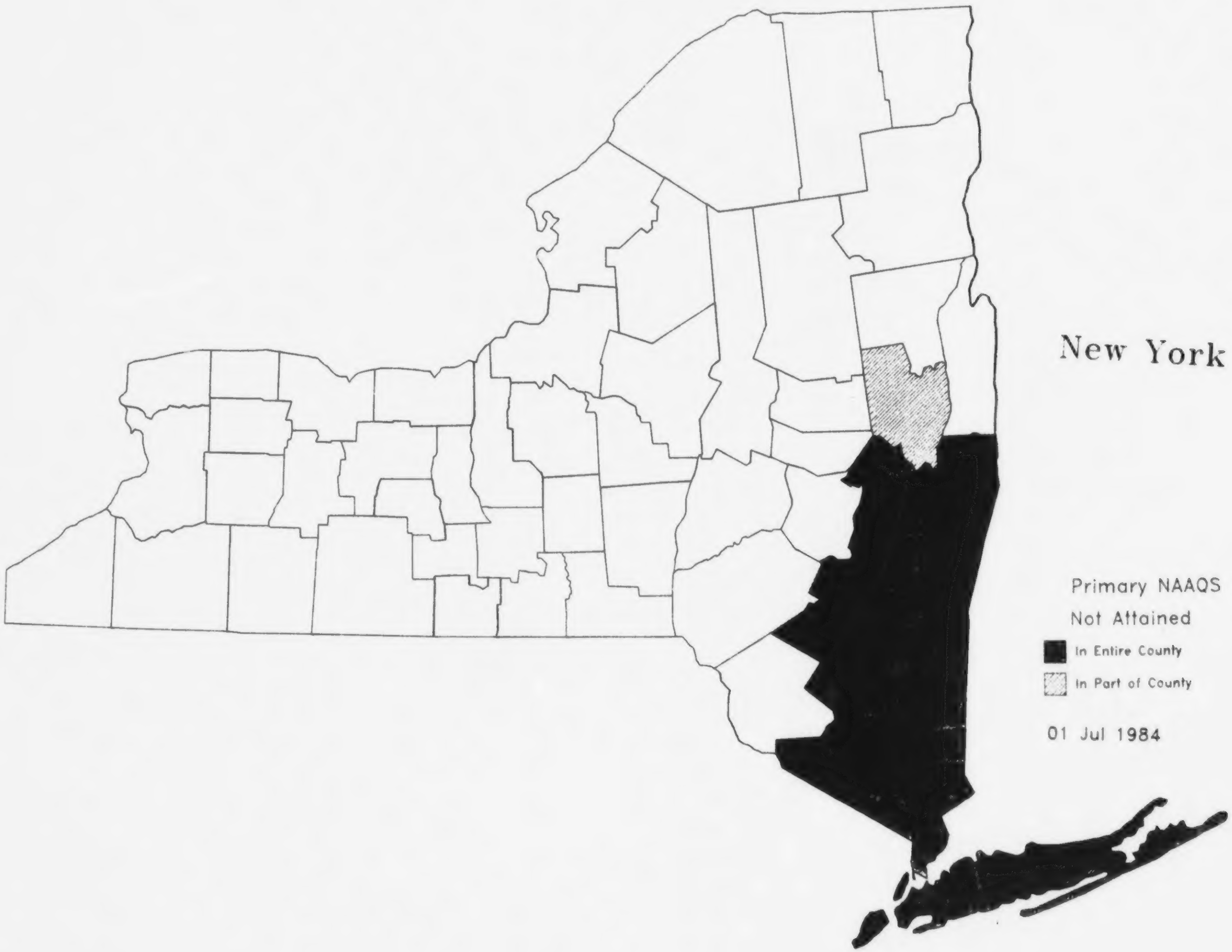
New York

Kilometers
0
50
100
St. Lawrence
Franklin
Clinton
Essex
Jefferson
Lewis
Hamilton
Warren
Washington
Oswego
Oneida
Herkimer
Fulton
Saratoga
Niagara
Orleans
Monroe
Wayne
Genesee
Onondaga
Madison
Montgomery
Schenectady
Erie
Wyoming
Livingston
Ontario
Seneca
Cayuga
Yates
Cortland
Otsego
Schoharie
Albany
Rensselaer
Chenango
Tompkins
Chautauqua
Cattaraugus
Allegany
Steuben
Schuyler
Chemung
Tioga
Broome
Delaware
Greene
Columbia
Ulster
Sullivan
Dutchess
Orange
Putnam
Rockland
Westchester
Bronx
New York
Suffolk
Nassau
Queens
Kings
Richmond

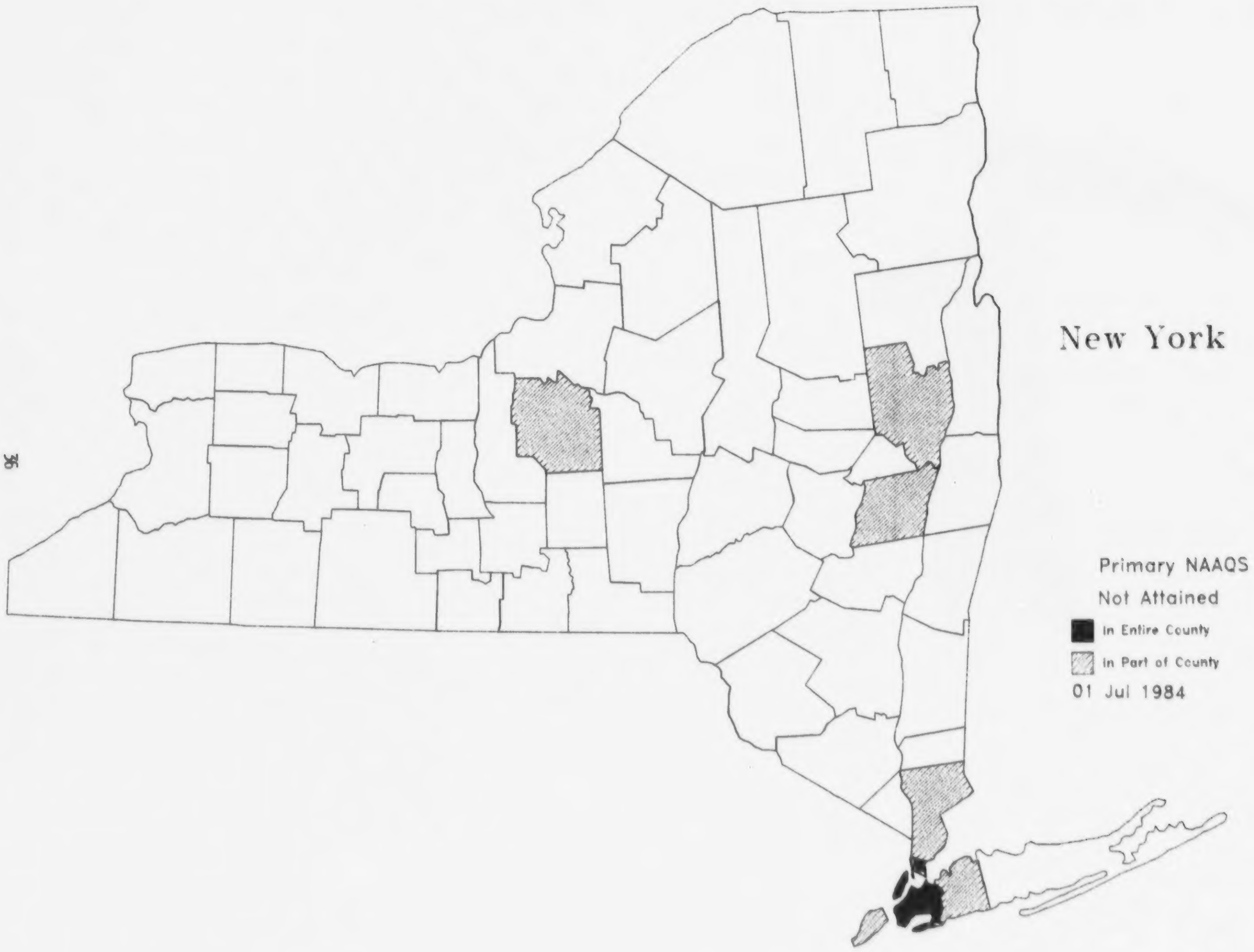
New York


PRIMARY NAAQS
NOT ATTAINED
■ In Entire County
▨ In Part of County
SECONDARY NAAQS
NOT ATTAINED
▨ In Entire County
▨ In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
▩ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


New York
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


New York
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Region III

Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia

Air Programs Branch
EPA Region III
Curtis Building
Sixth and Walnut Streets
Philadelphia, Pennsylvania 19106
(215) 597-8175

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR DELAWARE

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
New Castle Co	398,115							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR DIST. COLUMBIA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Washington	638,432					W		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MARYLAND

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Anne Arundel Co	370,775		P					W
Baltimore Co	655,615	P	P					W
Carroll Co	96,356							W
Harford Co	145,930							W
Howard Co	118,572							W
Montgomery Co	579,053					P		W
Prince Georges Co	665,071					P		W
Baltimore	786,775	P	P			P		W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR PENNSYLVANIA

COUNTY	POPULATION	T S P PRIM	 SEC	S O 2 PRIM	 SEC	C O	NO2	O3
Adams Co	68,292							W
Allegheny Co	1,450,085	P		P		P		W
Armstrong Co	77,768			P				W
Beaver Co	204,441	P						W
Bedford Co	46,784							W
Berks Co	312,509		P					W
Blair Co	136,621		P					W
Bradford Co	62,919							W
Bucks Co	479,211							W
Butler Co	147,912							W
Cambria Co	183,263	P						W
Cameron Co	6,674							W
Carbon Co	53,285							W
Centre Co	112,760							W
Chester Co	316,660		P					W
Clarion Co	43,362							W
Clearfield Co	83,578							W
Clinton Co	38,971							W
Columbia Co	61,967							W
Crawford Co	88,869							W
Cumberland Co	178,541							W
Dauphin Co	232,317							W
Delaware Co	555,007							W
Elk Co	38,338							W
Erie Co	279,780		P					W
Fayette Co	159,417		P					W
Forest Co	5,072							W
Franklin Co	113,629							W
Fulton Co	12,842							W
Greene Co	40,476							W
Huntingdon Co	42,253							W
Indiana Co	92,281							W
Jefferson Co	46,303							W
Juniata Co	19,188							W
Lackawanna Co	227,908		P					W
Lancaster Co	362,346	P						W
Lawrence Co	107,150	P						W
Lebanon Co	108,582							W
Lehigh Co	272,349	P						W
Luzerne Co	343,079		P					W
Lycoming Co	118,416							W
Mc Kean Co	50,635							W
Mercer Co	128,299	P						W
Mifflin Co	46,908							W
Monroe Co	69,409							W
Montgomery Co	643,621		P					W
Montour Co	16,675							W
Northampton Co	225,418	P						W
Northumberland Co	100,381			P	P			W
Perry Co	35,718							W
Philadelphia Co	1,688,210		P			P		W
Pike Co	18,271							W
Potter Co	17,726							W
Schuylkill Co	160,630							W
Snyder Co	33,584			P				W
Somerset Co	81,243							W
Sullivan Co	6,349							W
Susquehanna Co	37,876							W
Tioga Co	40,973							W
Union Co	32,870							W
Venango Co	64,444							W
Warren Co	47,449			P				W
Washington Co	217,074	P						W
Wayne Co	35,237							W
Westmoreland Co	392,294	P						W
Wyoming Co	26,433							W
York Co	312,963	P						W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

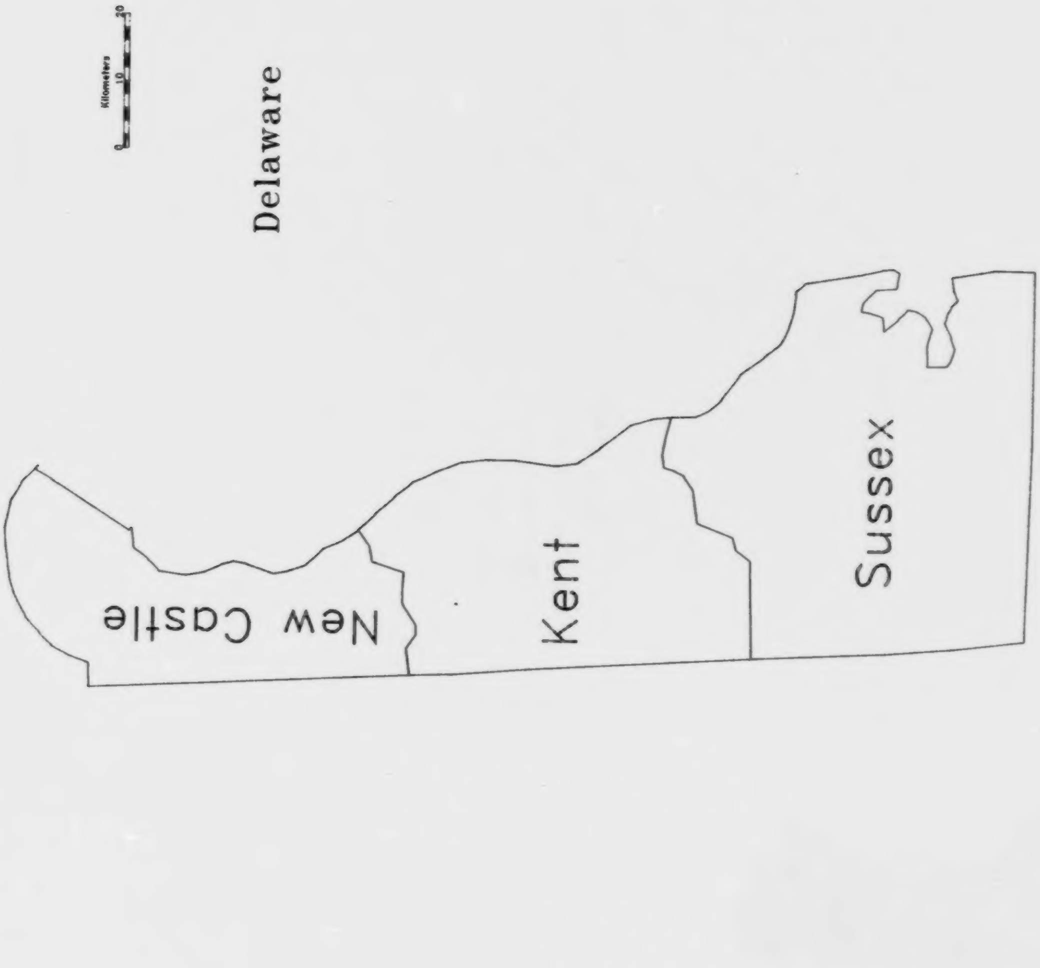
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR VIRGINIA

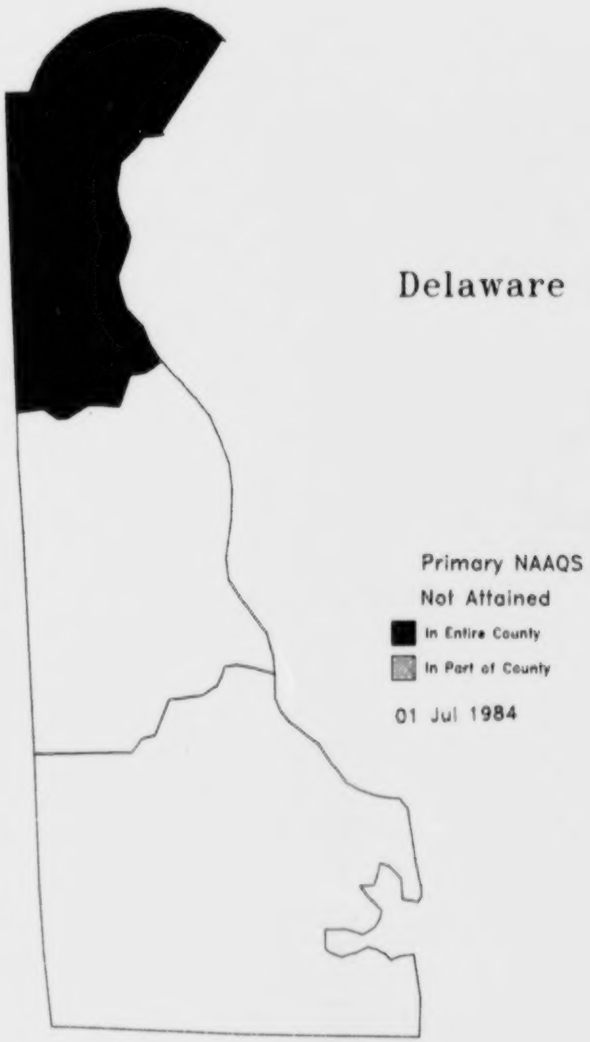
COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Arlington Co	152,599					W		W
Chesterfield Co	141,372							W
Fairfax Co	596,901					P		W
Henrico Co	180,735							W
Loudoun Co	57,427							W
Prince William Co	144,703							W
Alexandria	103,217					W		W
Fairfax	19,390							W
Falls Church	9,515							W
Manassas	15,438							W
Manassas Park	6,524							W
Richmond	219,214							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WEST VIRGINIA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Brooke Co	31,117	W						
Fayette Co	57,863		P					
Hancock Co	41,053	W		P				
Ohio Co	61,389	W						
Wood Co	93,648		P					

P = PART OF THE COUNTY   W = THE WHOLE COUNTY


Kilometers
0
10
20
Delaware
New Castle
Kent
Sussex

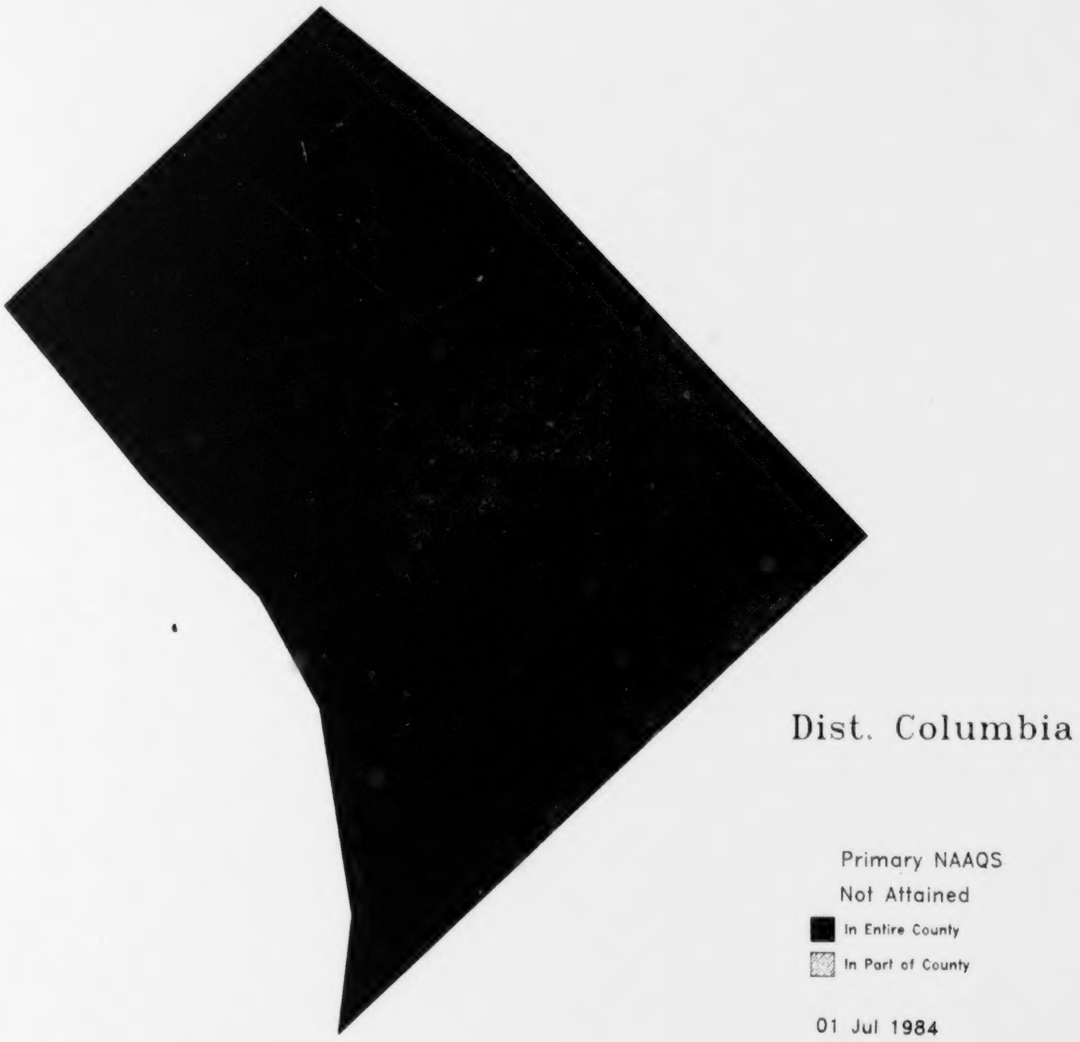

Delaware
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984

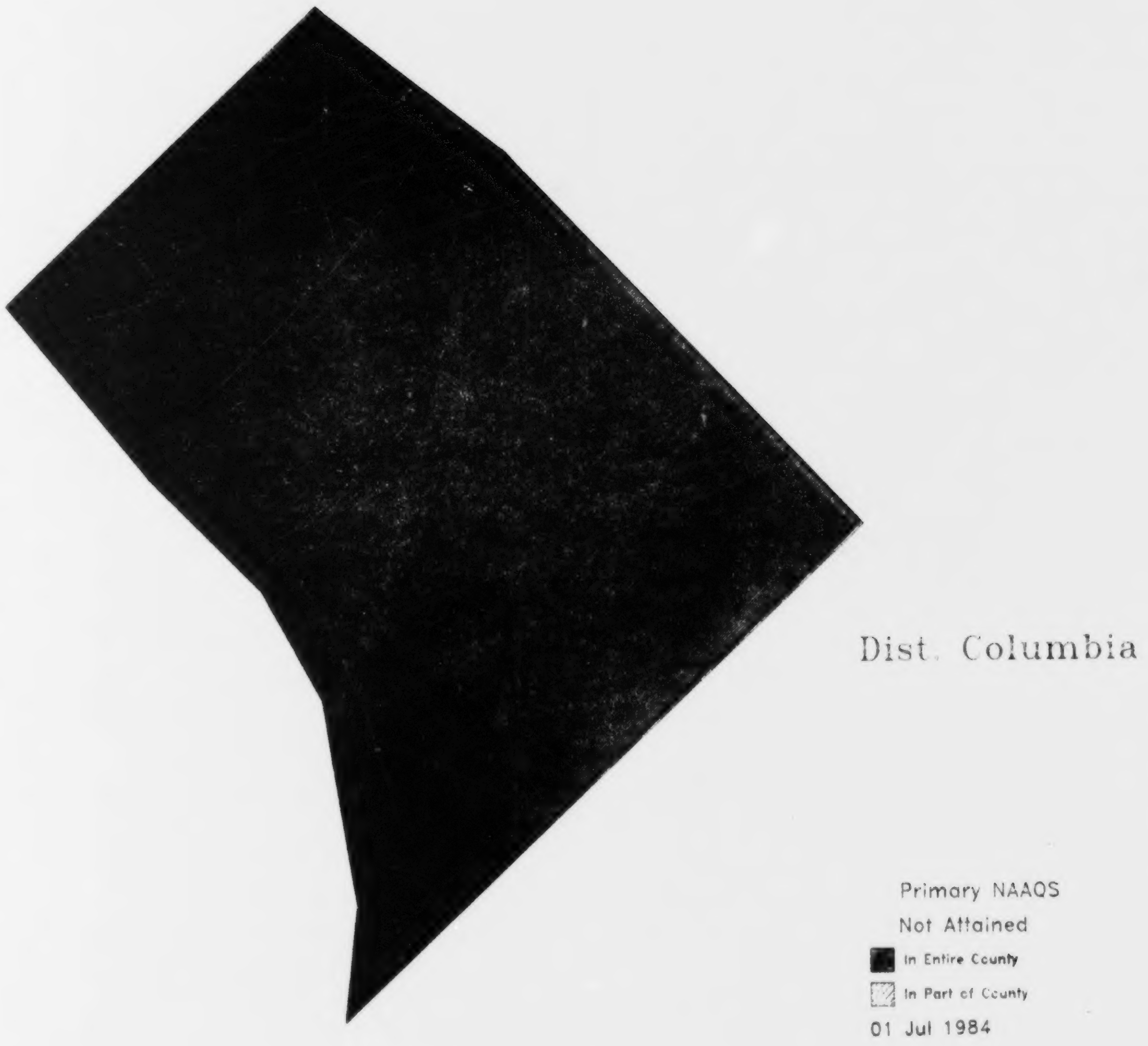
Washington
Kilometers

Dist. Columbia

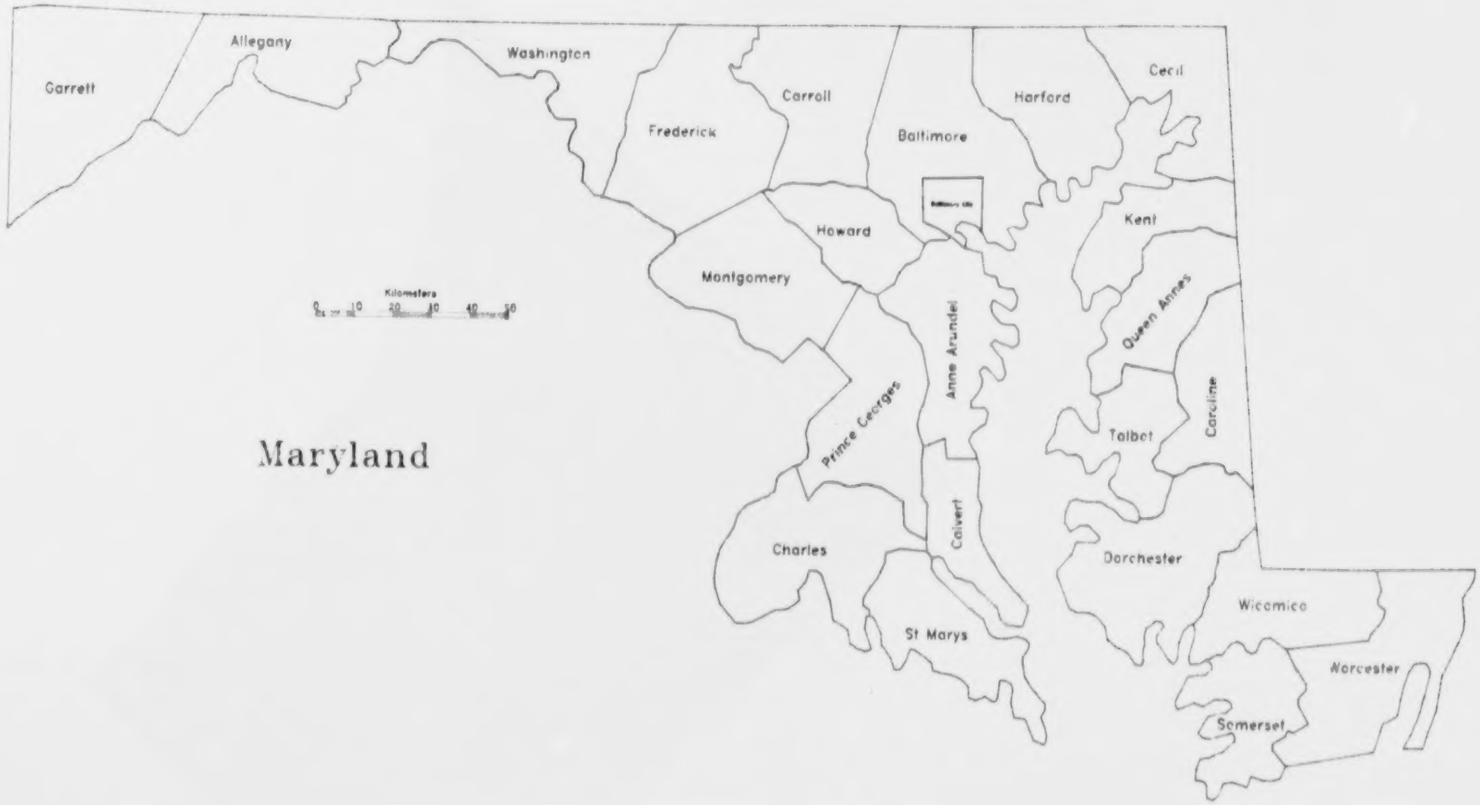
CPDD OAQPS

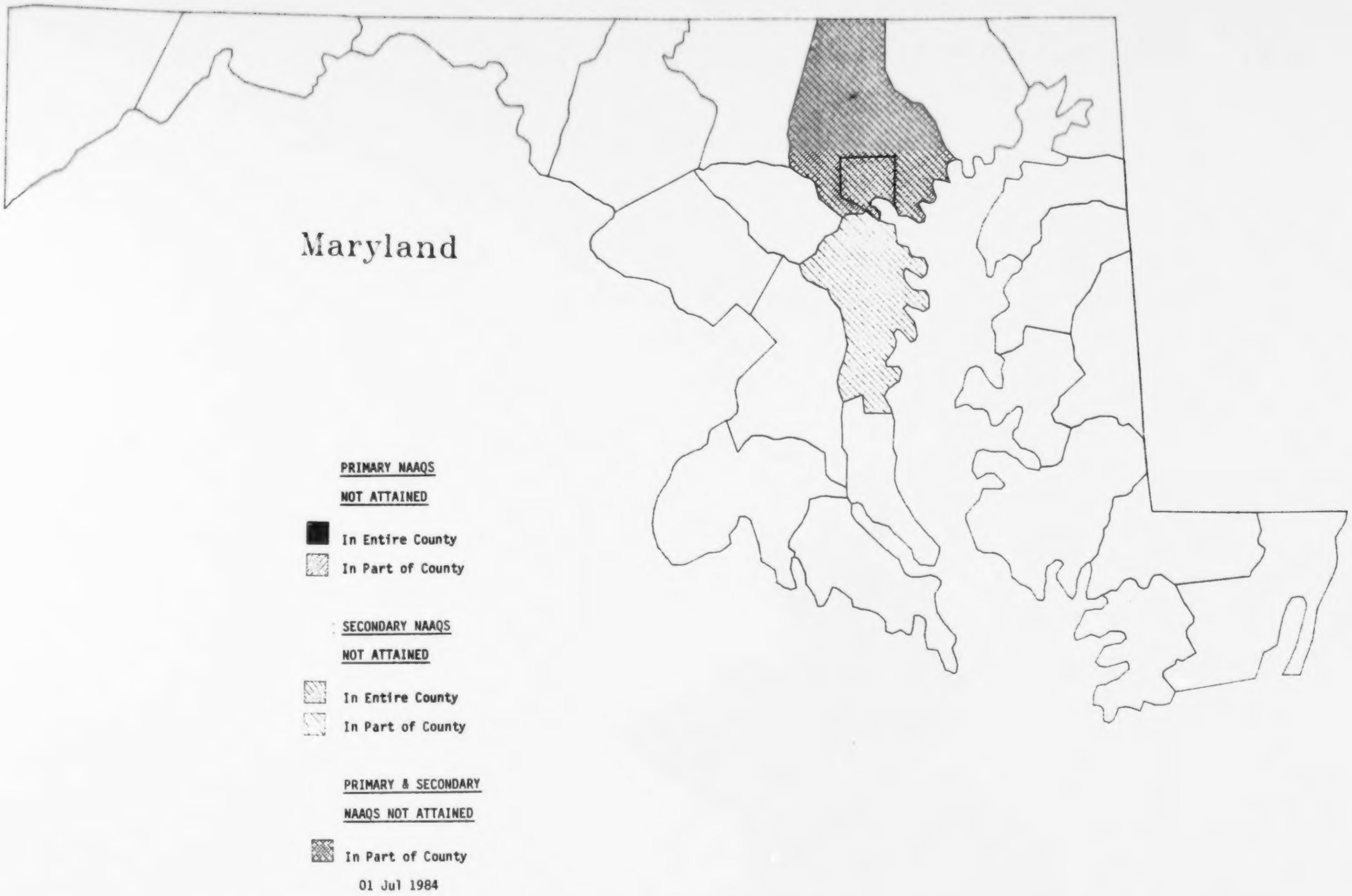

Dist. Columbia
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984

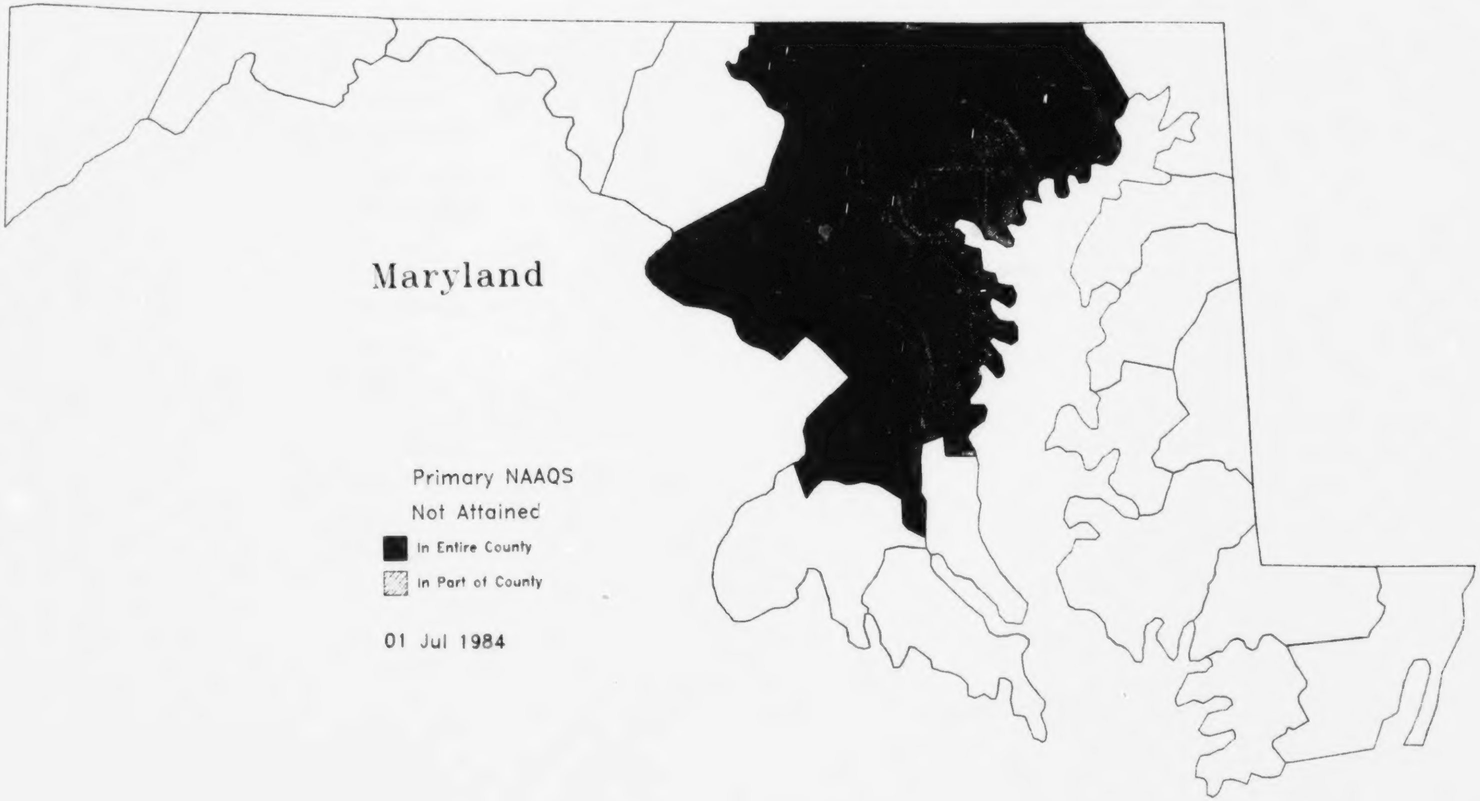

Dist. Columbia
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties -- 1984

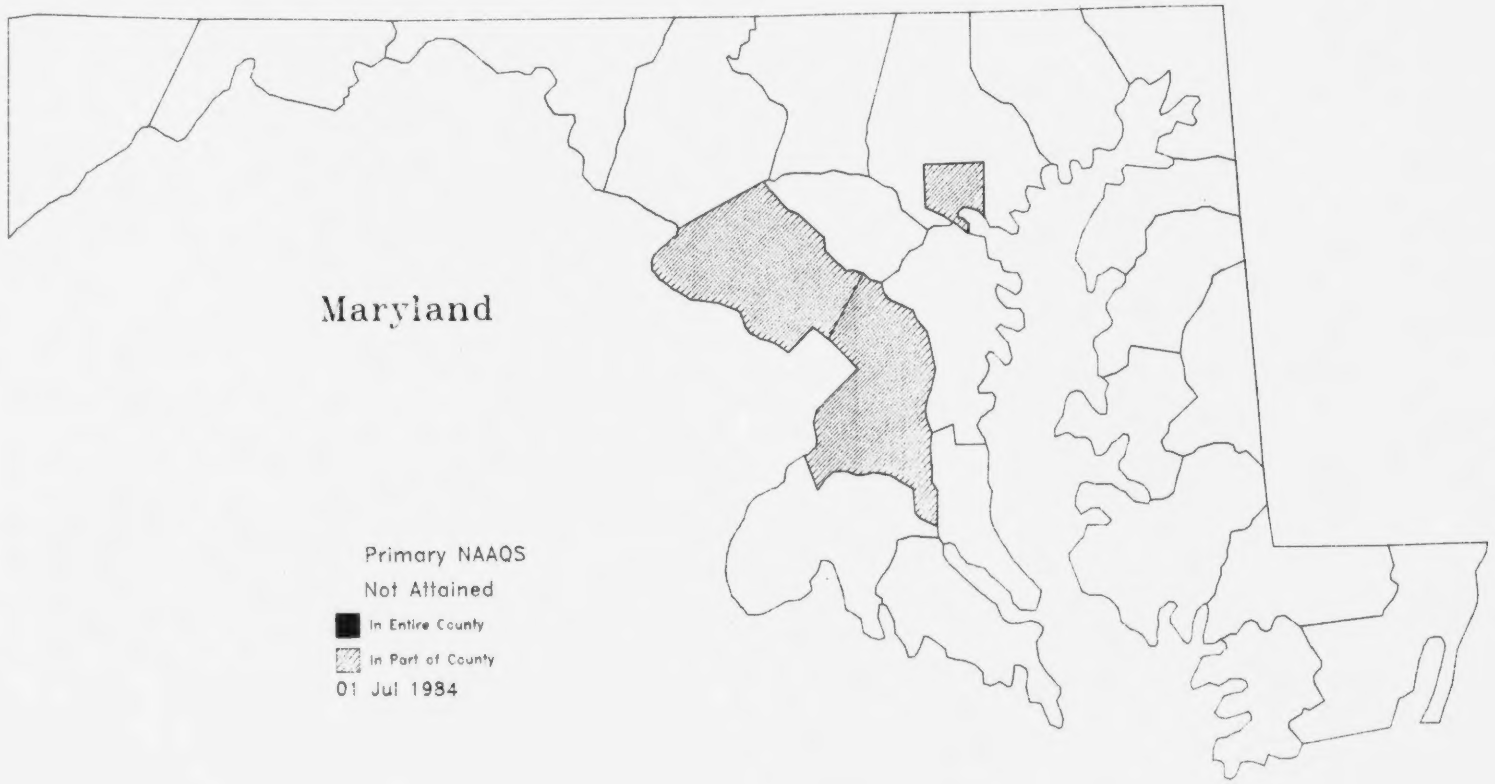

Garrett
Allegany
Washington
Frederick
Carroll
Baltimore
Harford
Cecil
Kent
Howard
Montgomery
Anne Arundel
Queen Annes
Caroline
Talbot
Prince Georges
Calvert
Charles
St Marys
Dorchester
Wicomico
Worcester
Somerset
Kilometers
0
10
20
30
40
50
Maryland


Maryland
PRIMARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984

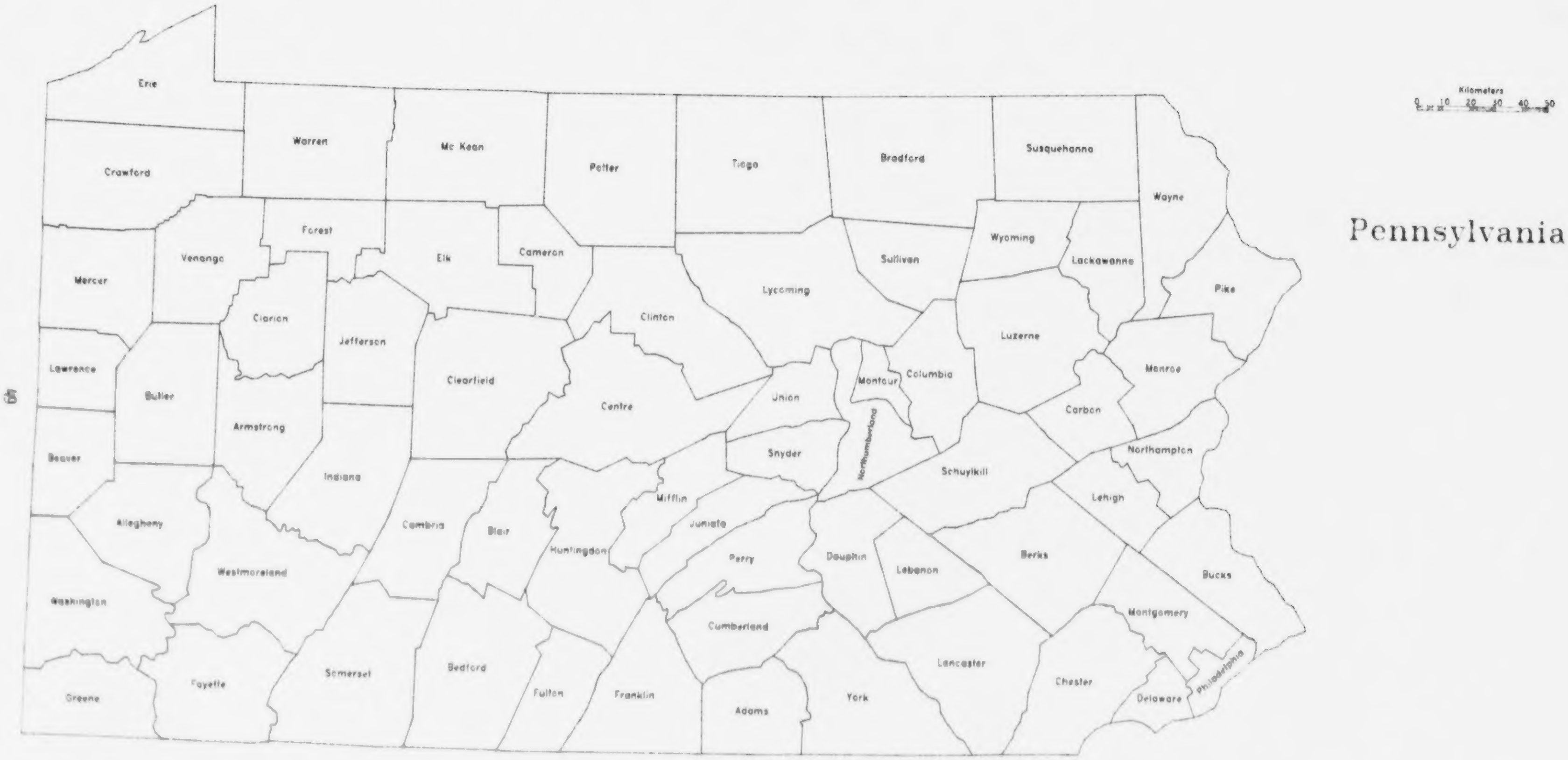

Maryland
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

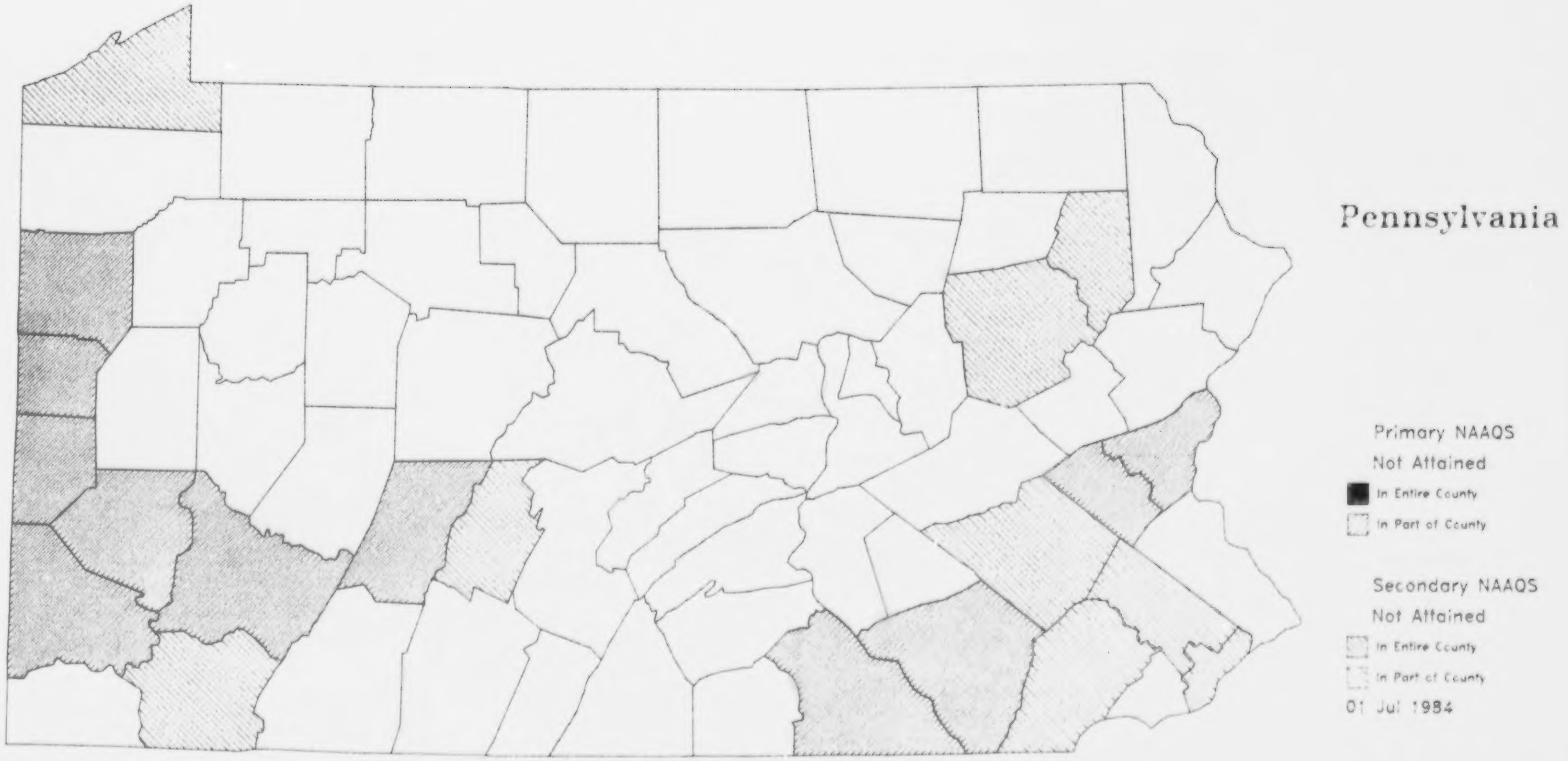
Promulgated List of O3 Non-Attaining Counties -- 1984


Maryland
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties – 1984

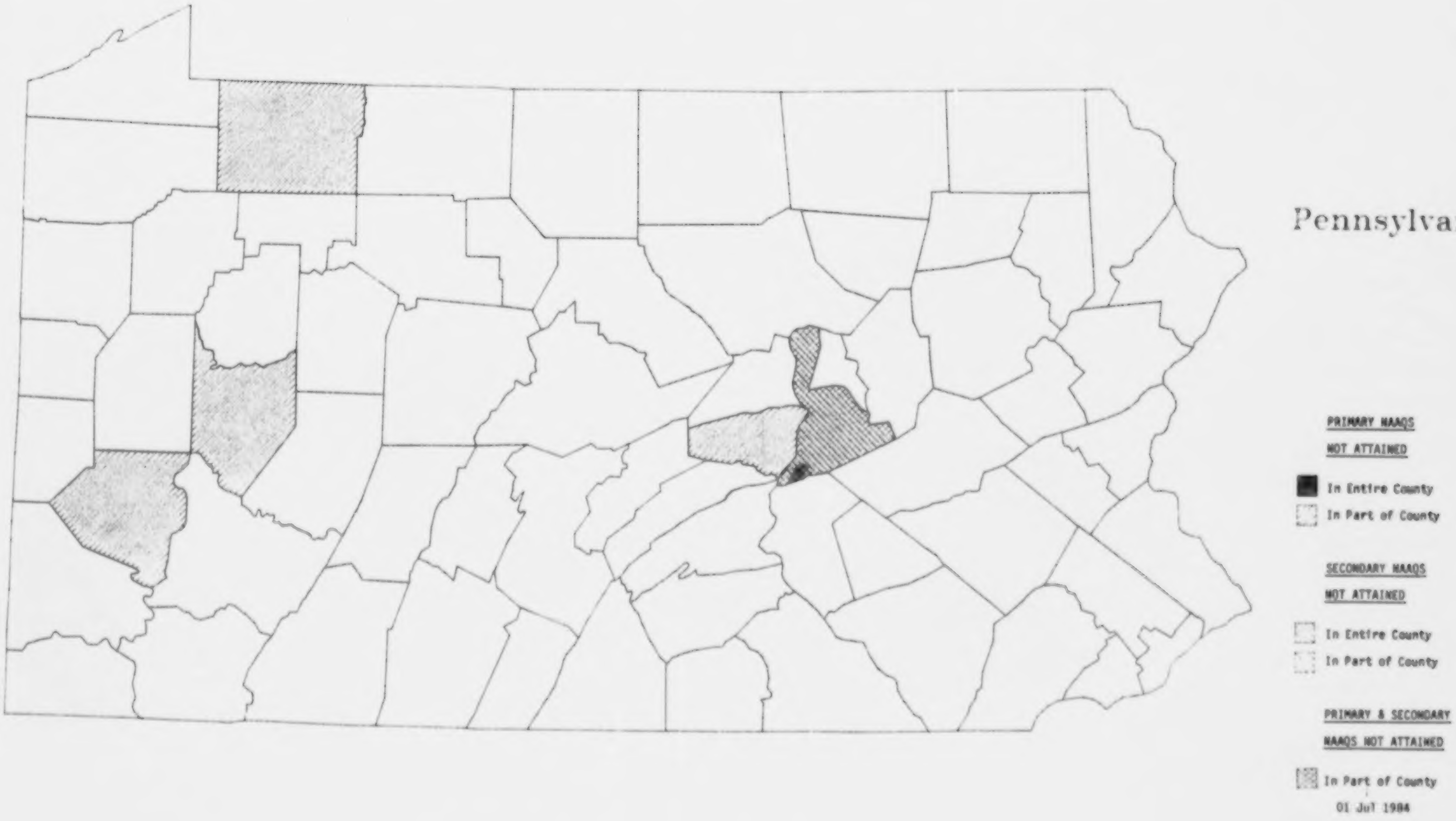
Pennsylvania


Kilometers
0 10 20 30 40 50
Erie
Warren
Mc Kean
Potter
Tioga
Bradford
Susquehanna
Wayne
Crawford
Forest
Elk
Cameron
Sullivan
Wyoming
Lackawanna
Pike
Mercer
Venango
Clarion
Jefferson
Clearfield
Clinton
Lycoming
Luzerne
Montour
Columbia
Monroe
Lawrence
Butler
Armstrong
Centre
Union
Carbon
Northumberland
Snyder
Schuylkill
Northampton
Beaver
Indiana
Mifflin
Juniata
Lehigh
Allegheny
Cambria
Blair
Huntingdon
Perry
Dauphin
Lebanon
Berks
Bucks
Westmoreland
Washington
Cumberland
Montgomery
Somerset
Bedford
Fulton
Franklin
Adams
York
Lancaster
Chester
Delaware
Philadelphia
Greene
Fayette


Pennsylvania
Primary NAAQS
Not Attained
■ In Entire County
☐ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984

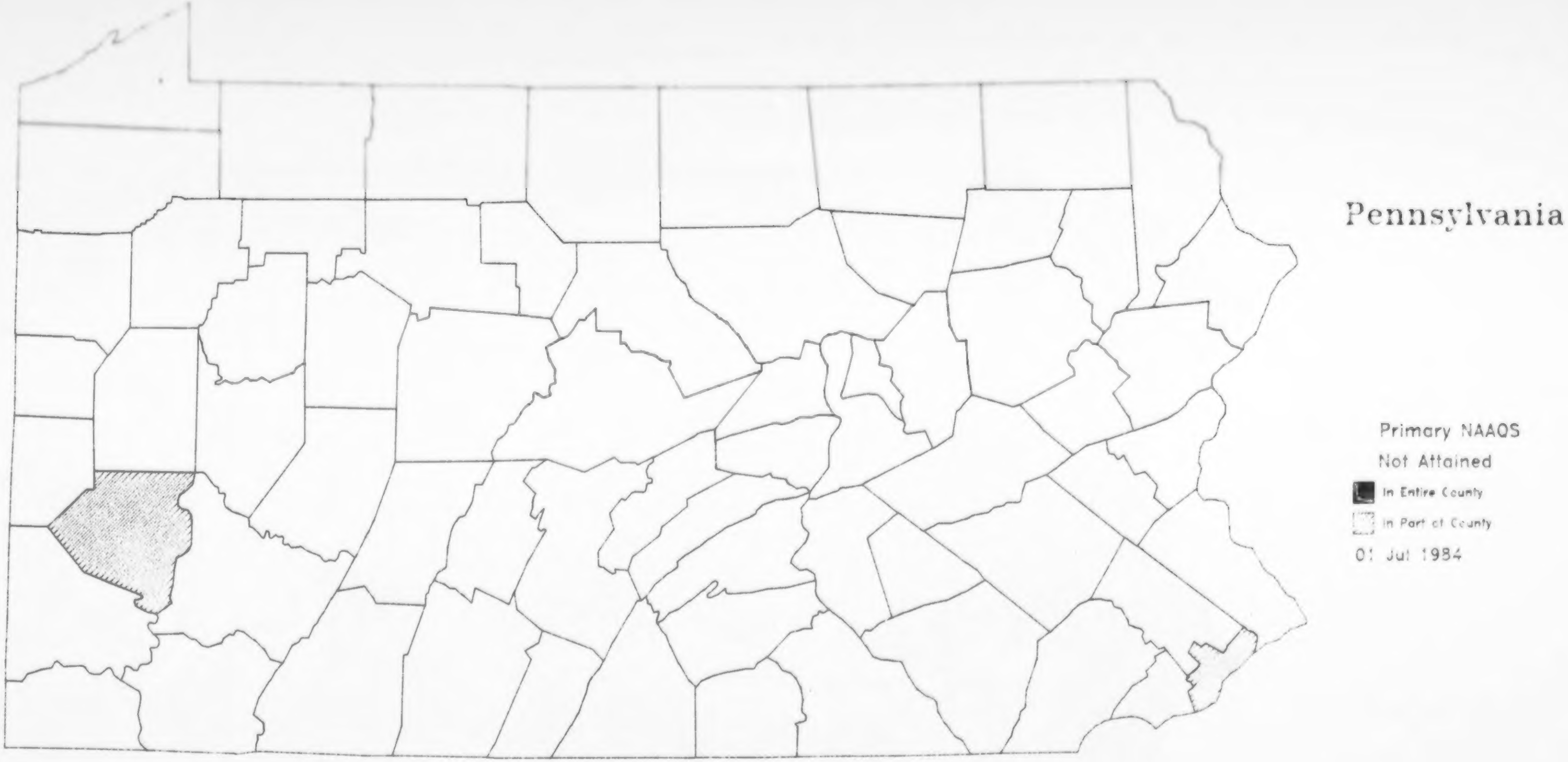
Pennsylvania


PRIMARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

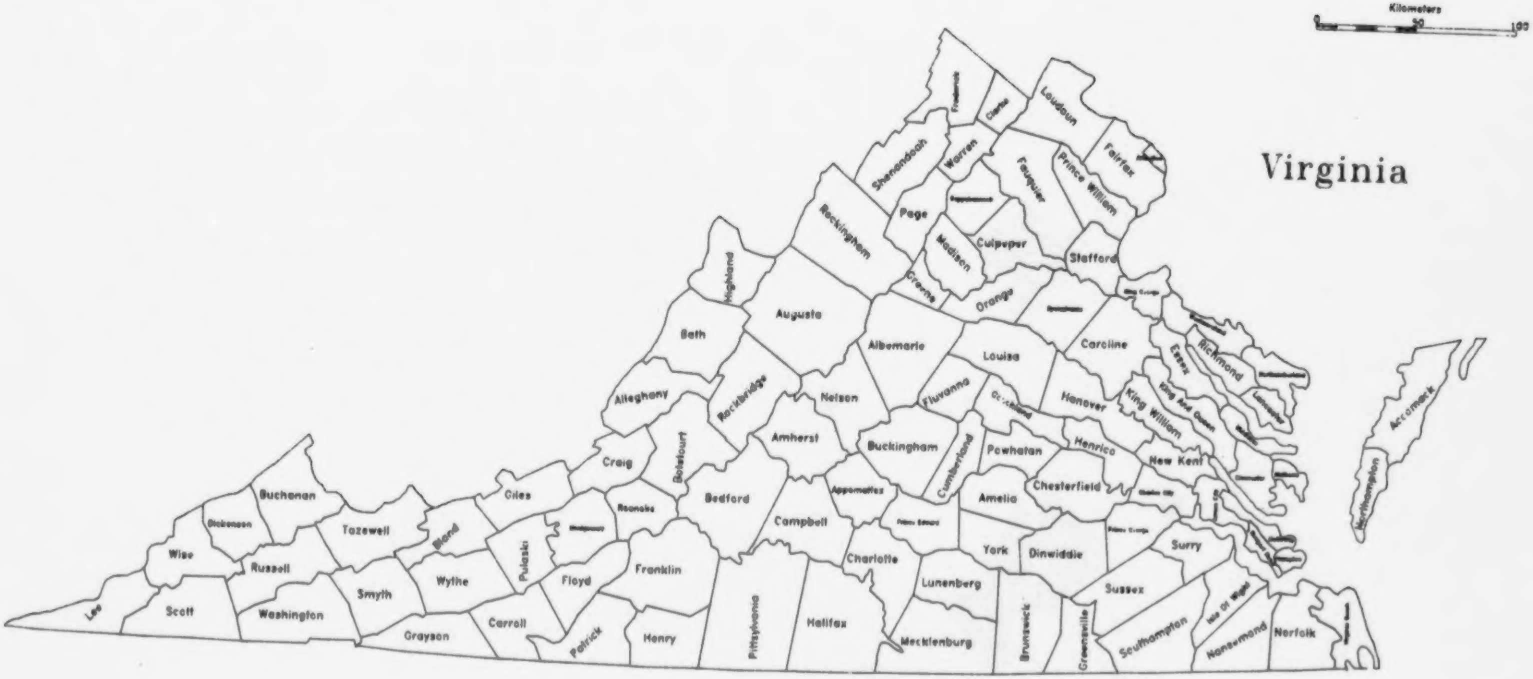
Promulgated List of SO2 Non-Attaining Counties - 1984

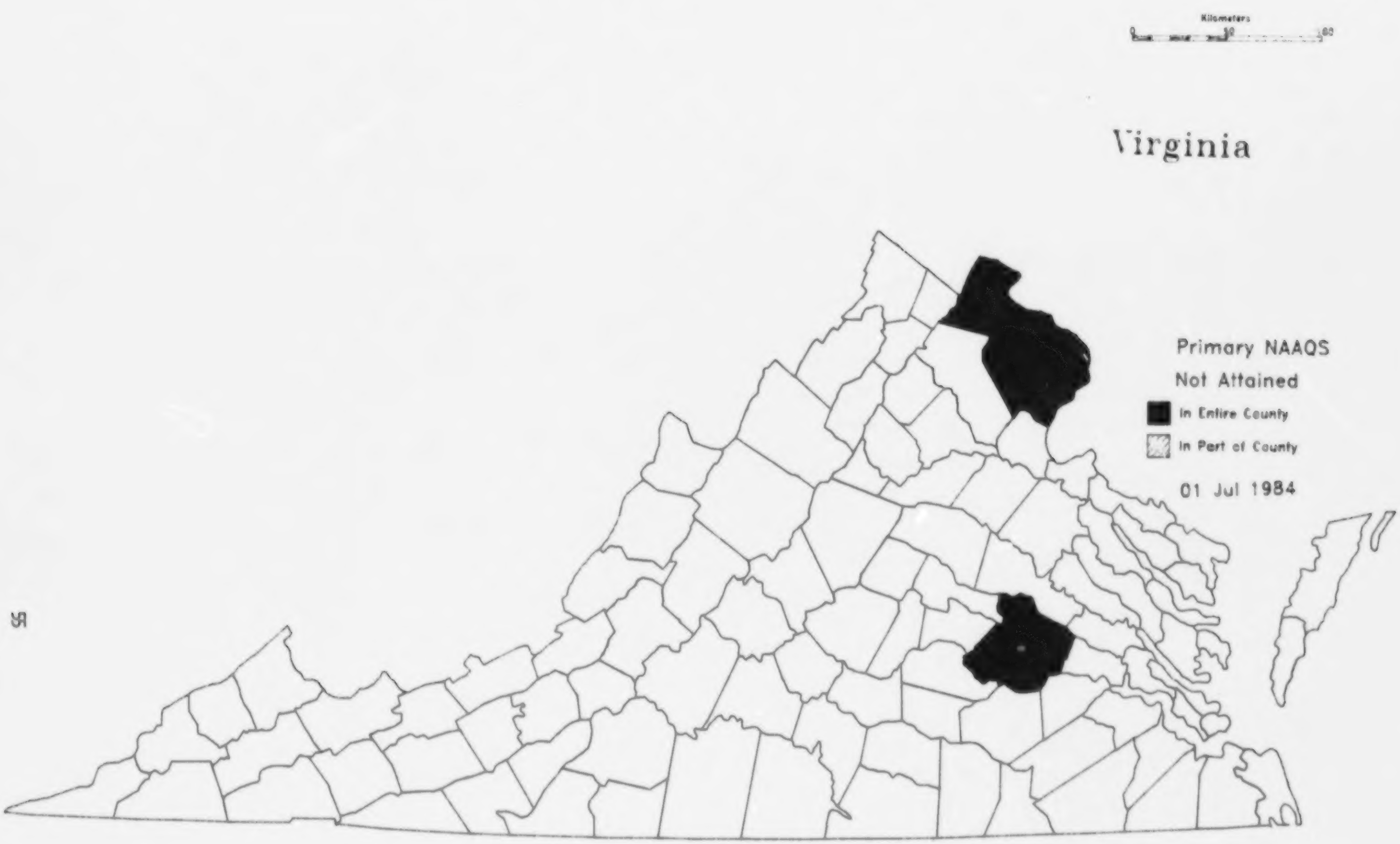
Pennsylvania
Primary NAAQS
Not Attained
■ In Entire County
□ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


Pennsylvania
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

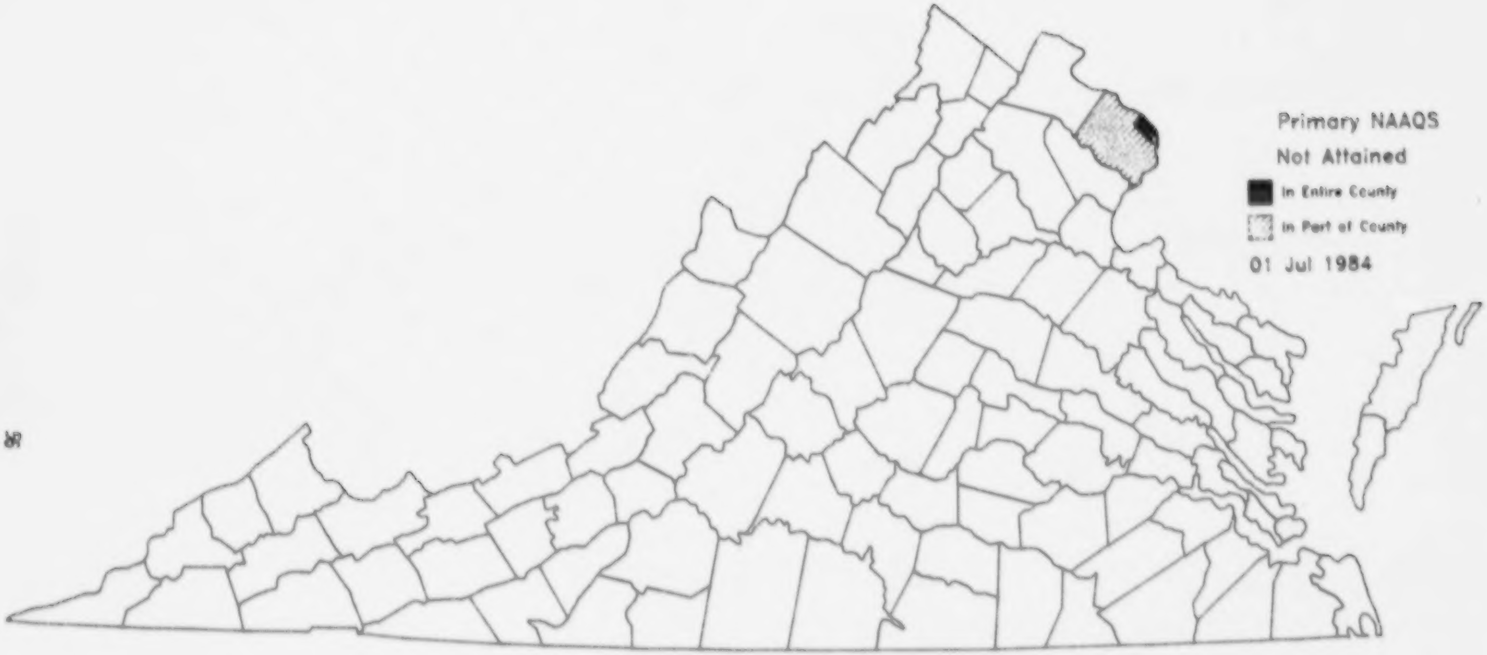
Promulgated List of CO Non-Attaining Counties -- 1984


Virginia
Kilometers
0
50
100
Loudoun
Fairfax
Prince William
Fauquier
Clarke
Frederick
Warren
Shenandoah
Page
Rockingham
Culpeper
Madison
Stafford
Greene
Orange
Highland
Augusta
Bath
Albemarle
Louisa
Caroline
Richmond
Essex
King And Queen
King William
Hanover
Fluvanna
Goochland
Nelson
Alleghany
Rockbridge
Amherst
Buckingham
Cumberland
Powhatan
Henrico
New Kent
Chesterfield
Amelia
Appomattox
Craig
Botetourt
Bedford
Campbell
Roanoke
Giles
Buchanan
Dickenson
Tazewell
Bland
Pulaski
Wise
Russell
Wythe
Floyd
Franklin
Charlotte
York
Dinwiddie
Surry
Sussex
Lunenberg
Lee
Scott
Washington
Smyth
Grayson
Carroll
Patrick
Henry
Pittsylvania
Halifax
Mecklenburg
Brunswick
Greensville
Southampton
Isle Of Wight
Nansemond
Norfolk
Accomack
Northampton


Kilometers
0
50
100
Virginia
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties – 1984

Virginia


Primary NAAQS
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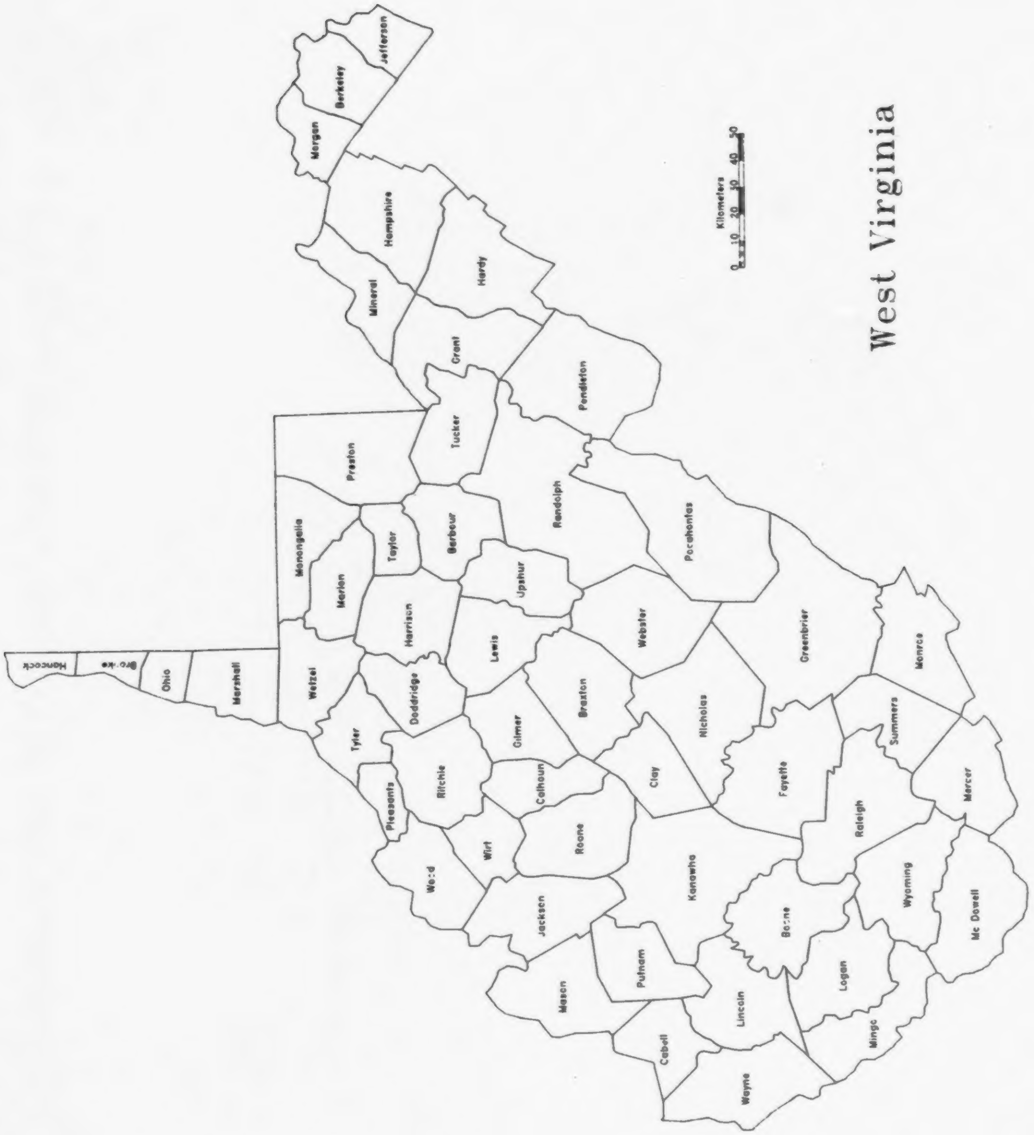
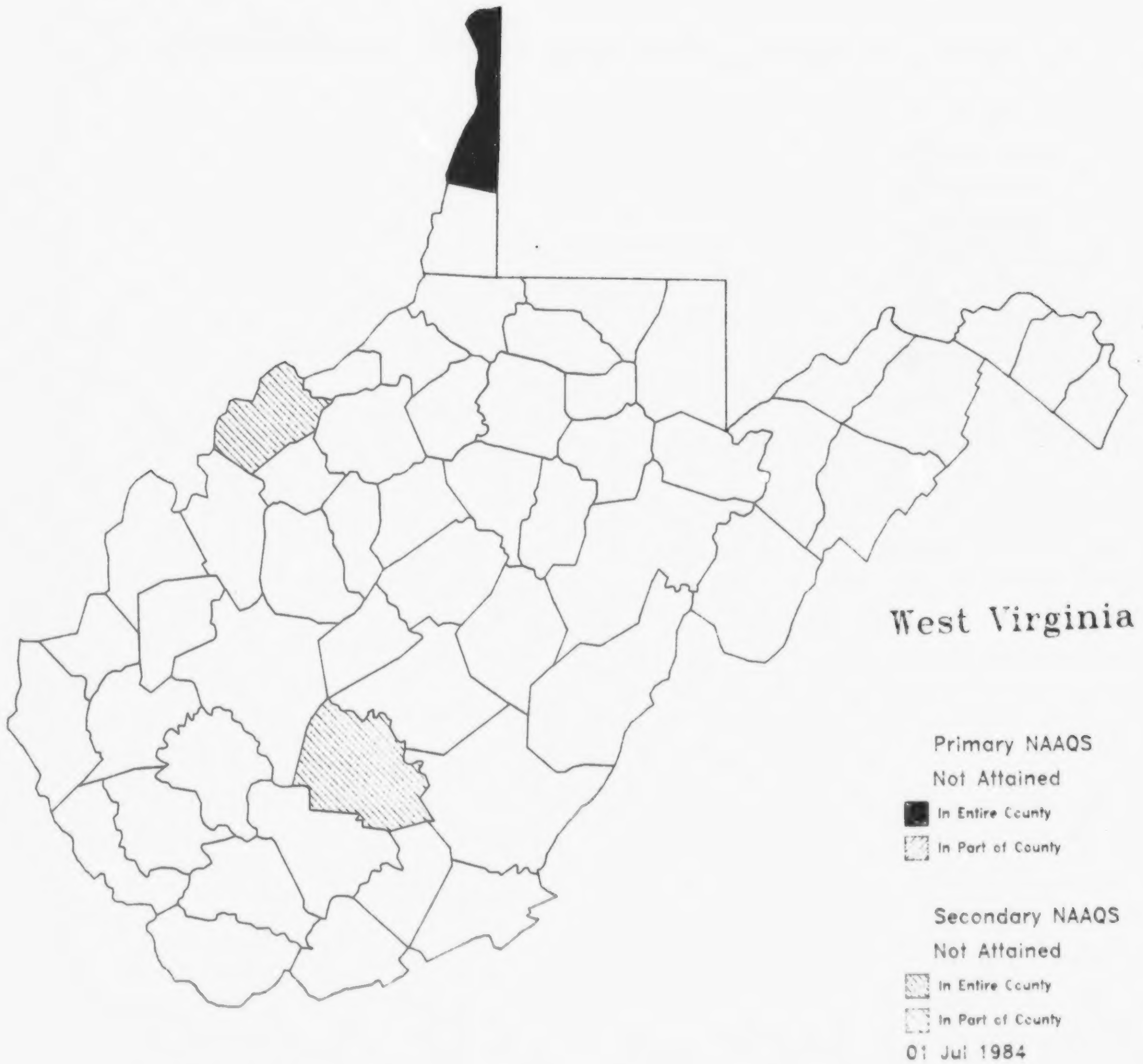
▉ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984



West Virginia

Kilometers
0 10 20 30 40 50
Hancock
Brooke
Ohio
Marshall
Wetzel
Tyler
Pleasants
Wood
Monongalia
Marion
Harrison
Doddridge
Ritchie
Wirt
Jackson
Mason
Preston
Taylor
Barbour
Lewis
Gilmer
Calhoun
Roane
Putnam
Cabell
Wayne
Tucker
Upshur
Braxton
Clay
Kanawha
Lincoln
Boone
Logan
Mingo
Randolph
Webster
Nicholas
Fayette
Raleigh
Wyoming
Mc Dowell
Pocahontas
Greenbrier
Summers
Mercer
Monroe
Pendleton
Grant
Mineral
Hardy
Hampshire
Morgan
Berkeley
Jefferson


West Virginia
Primary NAAQS
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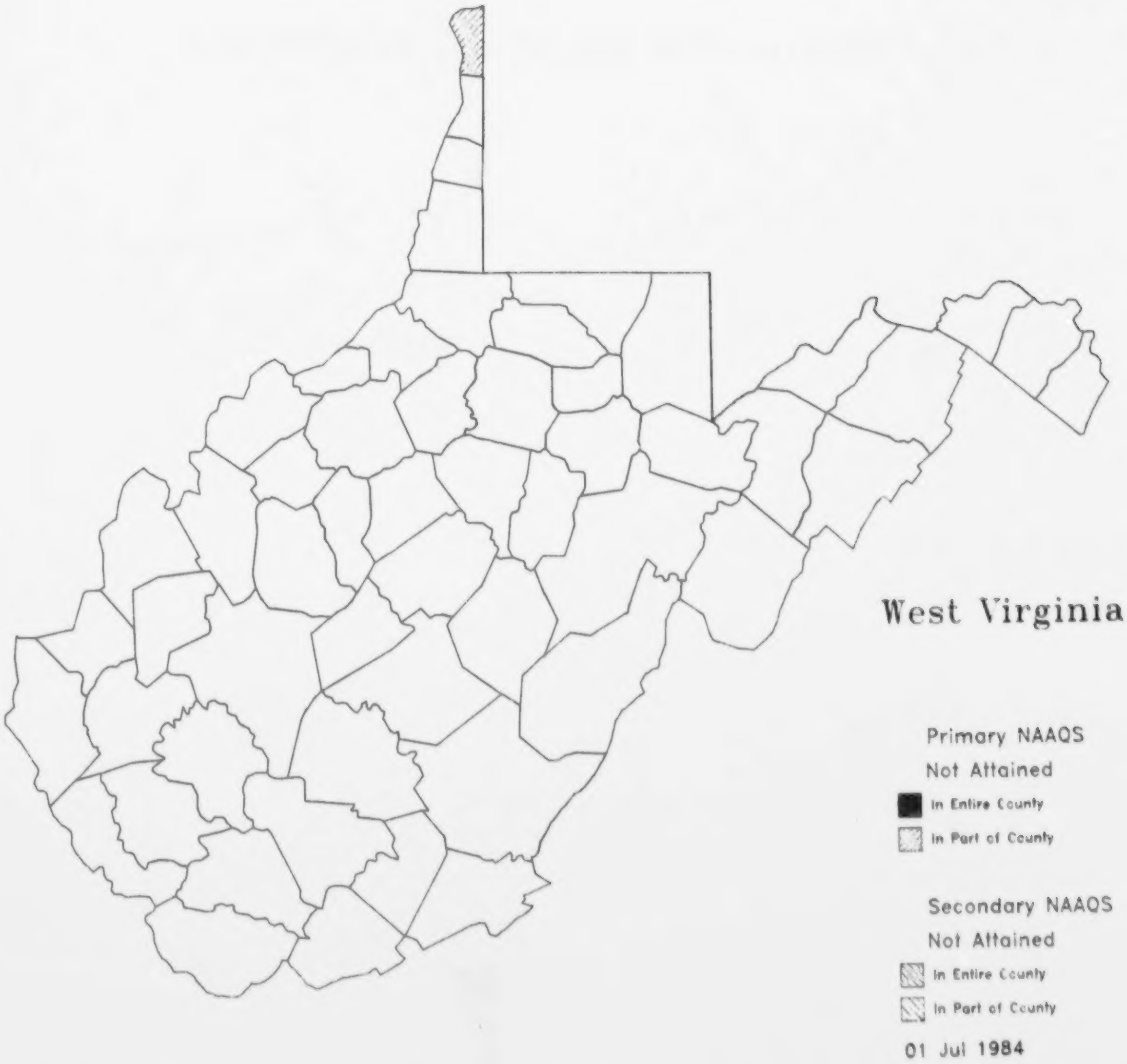
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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Primary NAAQS
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■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984

Region IV

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee

Air Programs Branch
EPA Region IV
345 Courtland, N.E.
Atlanta, Georgia 30308
(404) 881-3043
FTS: 257-3043

6c

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
ALABAMA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Colbert Co	54,519				P			
Etowah Co	103,057	P						W
Jackson Co	51,407			P				
Jefferson Co	671,324	P						W
Lauderdale Co	80,546				P			
Mobile Co	364,980	P						W
Russell Co	47,356							W

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
FLORIDA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Broward Co	1,018,200							W
Dade Co	1,625,781							W
Duval Co	571,003		P					W
Hillsborough Co	646,960		P					W
Orange Co	471,016							W
Palm Beach Co	576,863							W
Pinellas Co	728,531			P				W

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
GEORGIA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Clayton Co	150,357					P		W
Cobb Co	297,718							W
Coweta Co	39,268							W
De Kalb Co	483,024					P		W
Douglas Co	54,573							W
Fayette Co	29,043							W
Fulton Co	589,904					P		W
Gwinnett Co	166,903							W
Henry Co	36,309							W
Muscogee Co	170,108							W
Paulding Co	26,110							W
Rockdale Co	36,747							W

P = PART OF THE COUNTY W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR KENTUCKY

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	O3
Bell Co	34,330	P						
Boone Co	45,842							W
Boyd Co	55,513	W		W				W
Bullitt Co	43,346	P						
Campbell Co	83,317	P						W
Daviess Co	85,949	P						
Henderson Co	40,849	P						
Jefferson Co	684,565	W		W		W		W
Kenton Co	137,058							W
Lawrence Co	14,121	P						
Mc Cracken Co	61,310	W						
Madison Co	53,352	P						
Marshall Co	25,637							
Muhlenberg Co	32,238		W		W			
Perry Co	33,765	P						
Pike Co	81,123	P						
Whitley Co	33,396	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MISSISSIPPI

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	O3
Jones Co	61,912	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NORTH CAROLINA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	O3
Mecklenburg Co	404,270					W		W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

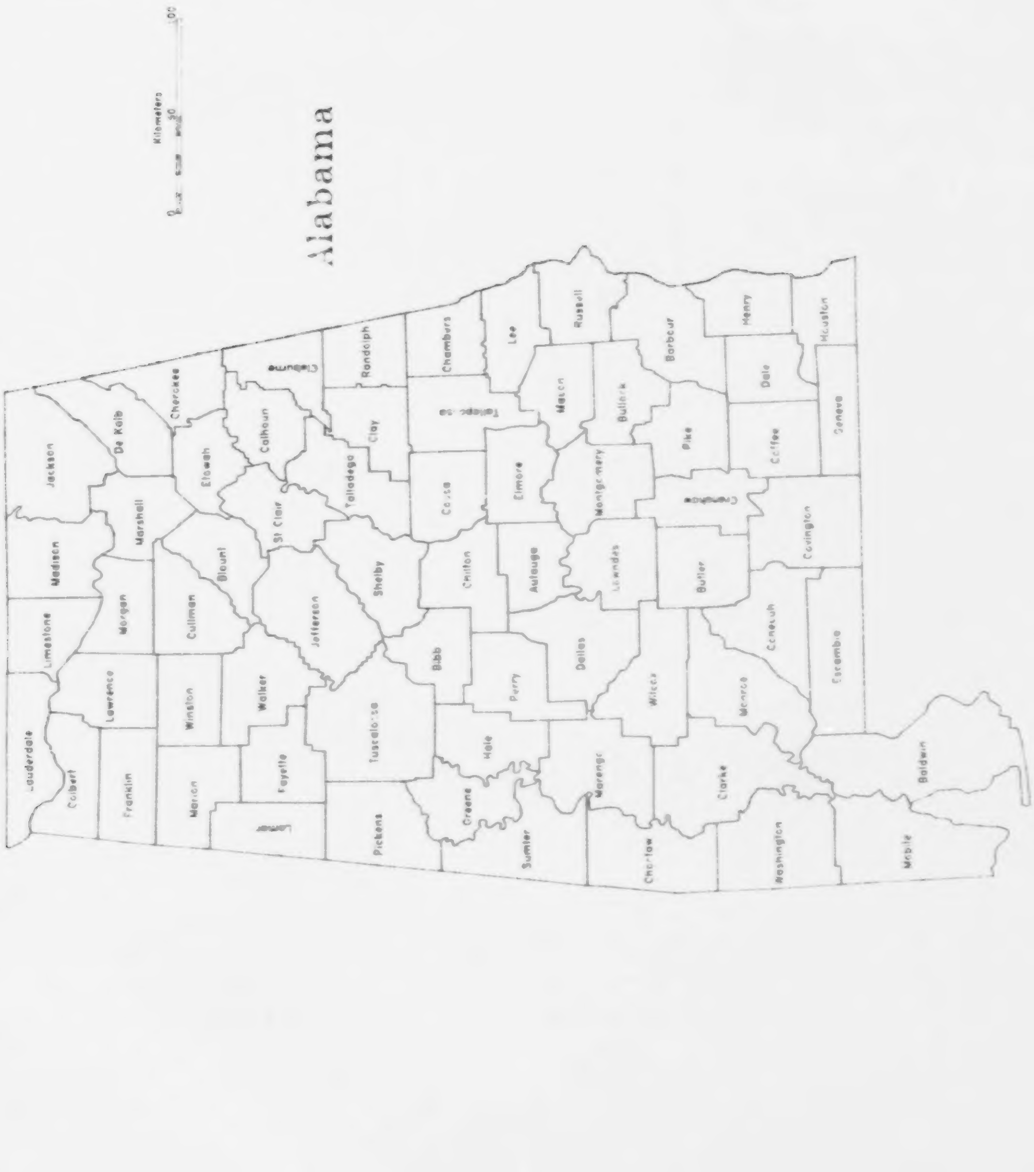
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR SOUTH CAROLINA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Charleston Co	276,974	P						
Richland Co	269,735					P		
York Co	106,720							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR TENNESSEE

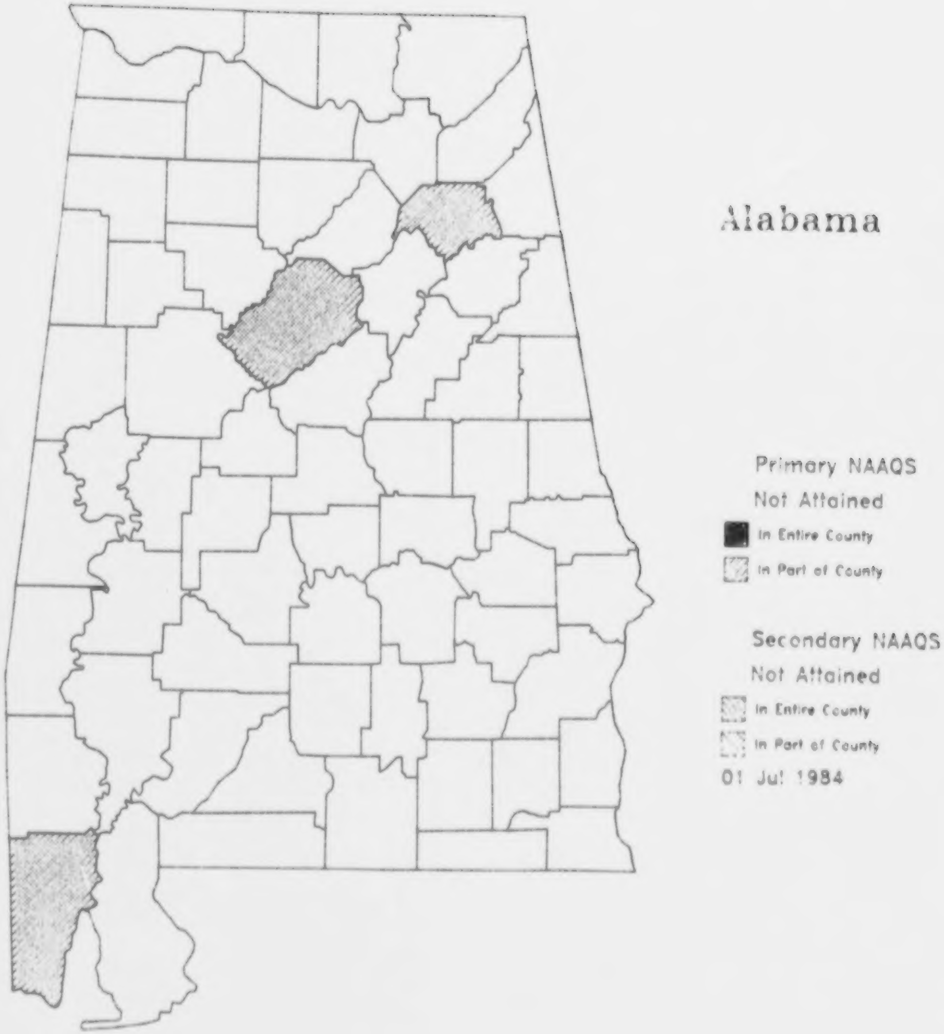
COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Benton Co	14,901			P	P			
Bradley Co	67,547							W
Campbell Co	34,923	P						
Davidson Co	477,811	P				P		W
Hamilton Co	287,740	P						W
Humphreys Co	15,957			P				
Knox Co	319,694					P		W
Maury Co	51,095							W
Polk Co	13,602			P				
Roane Co	48,425							W
Rutherford Co	84,058							W
Shelby Co	777,113	P				P		W
Sullivan Co	143,968	P						W
Sumner Co	85,790							W
Williamson Co	58,108							W
Wilson Co	56,064							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

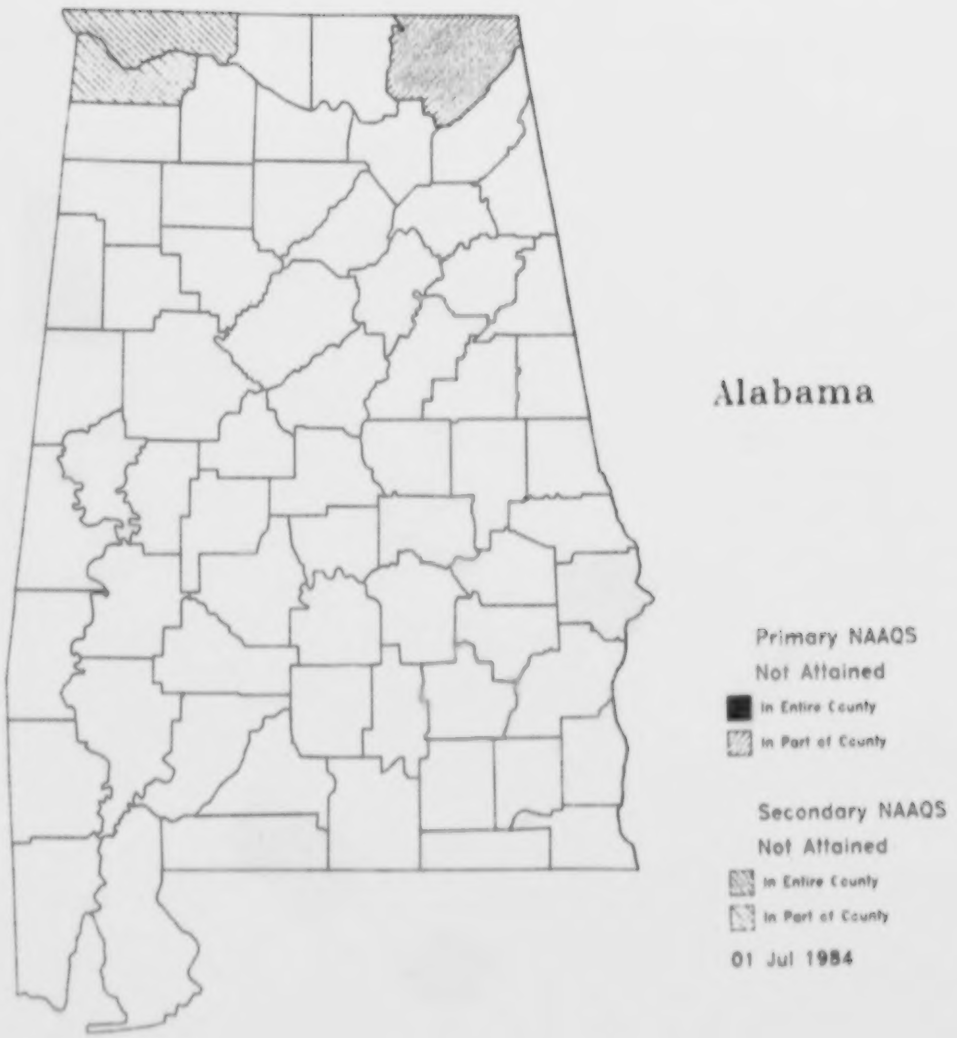


Alabama

Kilometers
0
50
100
Lauderdale
Limestone
Madison
Jackson
De Kalb
Cherokee
Colbert
Lawrence
Morgan
Marshall
Etowah
Calhoun
Cleburne
Franklin
Winston
Cullman
Blount
St Clair
Talladega
Clay
Randolph
Marion
Walker
Jefferson
Shelby
Coosa
Tallapoosa
Chambers
Lamar
Fayette
Tuscaloosa
Bibb
Chilton
Elmore
Lee
Pickens
Greene
Hale
Perry
Autauga
Macon
Russell
Sumter
Marengo
Dallas
Lowndes
Montgomery
Bullock
Barbour
Choctaw
Clarke
Wilcox
Butler
Crenshaw
Pike
Dale
Henry
Washington
Monroe
Conecuh
Covington
Coffee
Geneva
Houston
Mobile
Baldwin
Escambia


Alabama
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Alabama
Primary NAAQS
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■ In Entire County
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Secondary NAAQS
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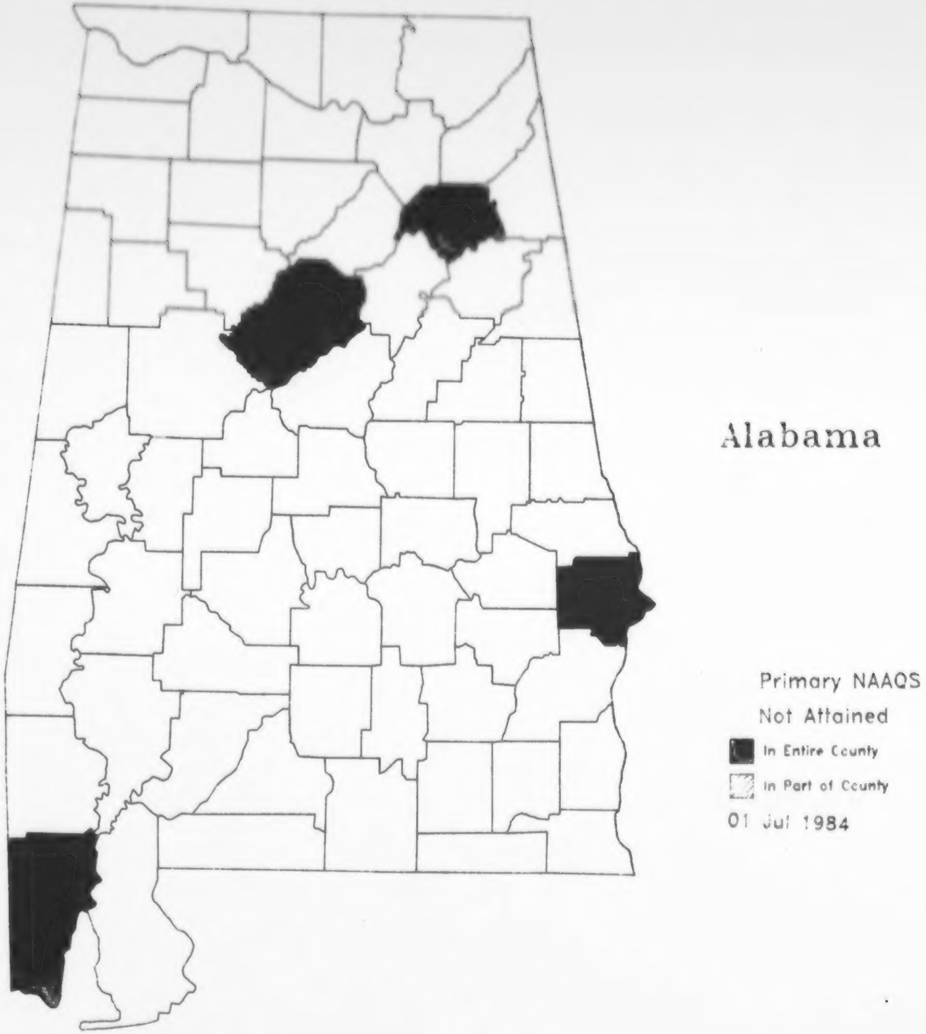
▧ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties – 1984


Alabama
Primary NAAQS
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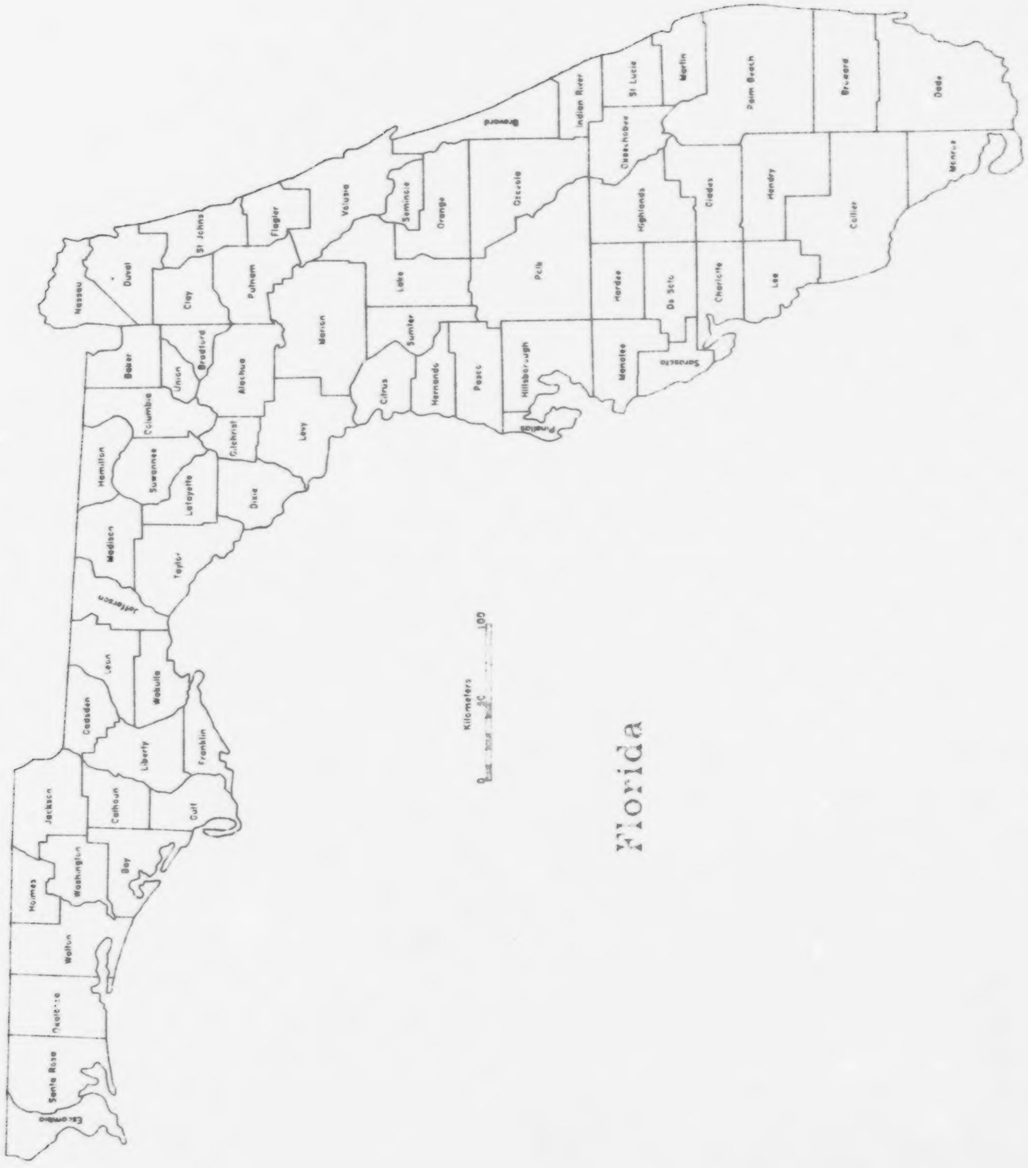
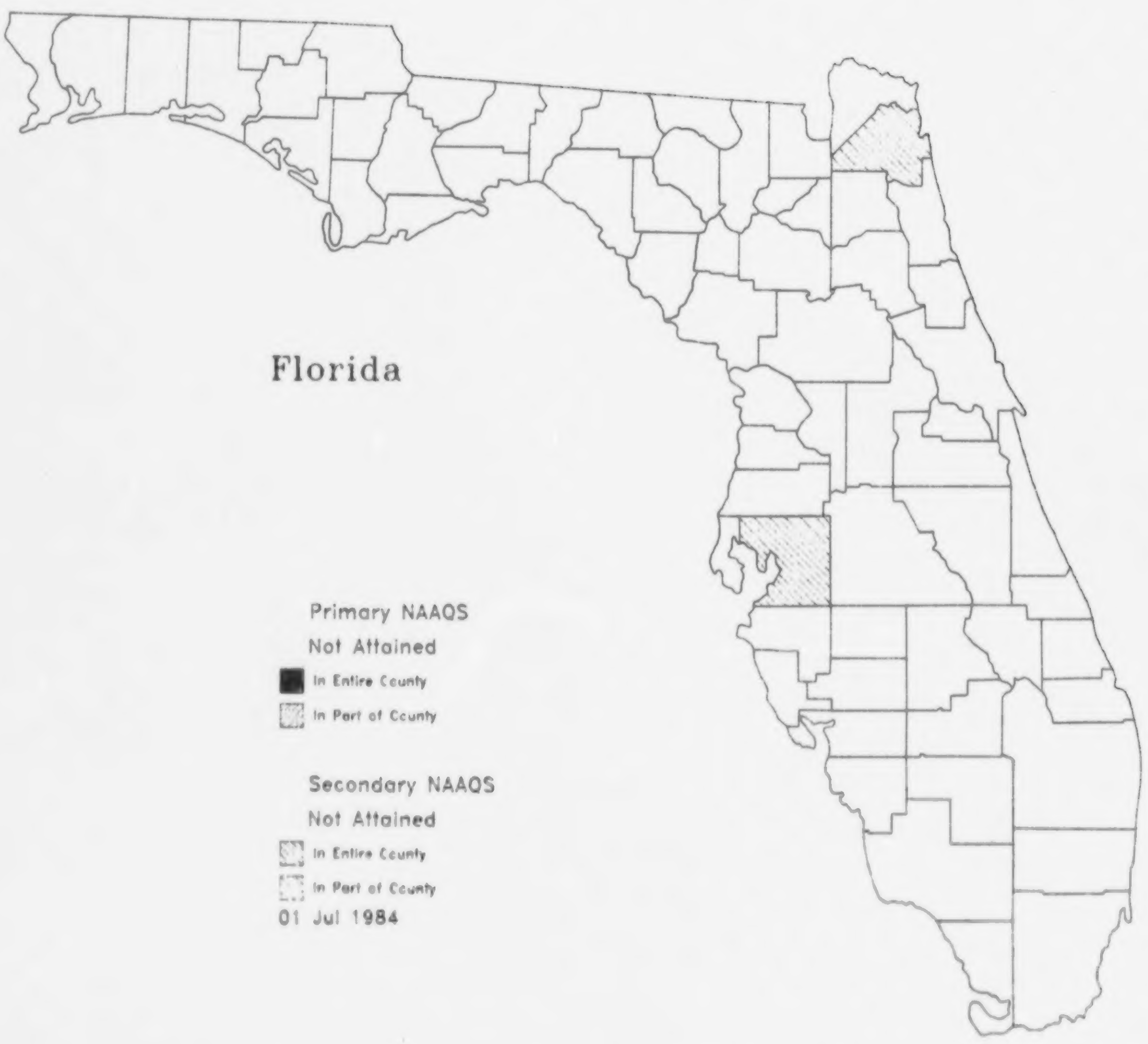
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties -- 1984


Florida
Kilometers
0
50
100
Escambia
Santa Rosa
Okaloosa
Walton
Holmes
Washington
Bay
Jackson
Calhoun
Gulf
Liberty
Franklin
Gadsden
Leon
Wakulla
Jefferson
Madison
Taylor
Hamilton
Suwannee
Lafayette
Dixie
Columbia
Gilchrist
Levy
Baker
Union
Bradford
Alachua
Nassau
Duval
Clay
Putnam
St Johns
Flagler
Volusia
Marion
Citrus
Sumter
Lake
Hernando
Pasco
Pinellas
Hillsborough
Seminole
Orange
Osceola
Polk
Brevard
Indian River
St Lucie
Okeechobee
Highlands
Hardee
Manatee
Sarasota
De Soto
Charlotte
Glades
Lee
Martin
Palm Beach
Hendry
Collier
Broward
Dade
Monroe


Florida
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
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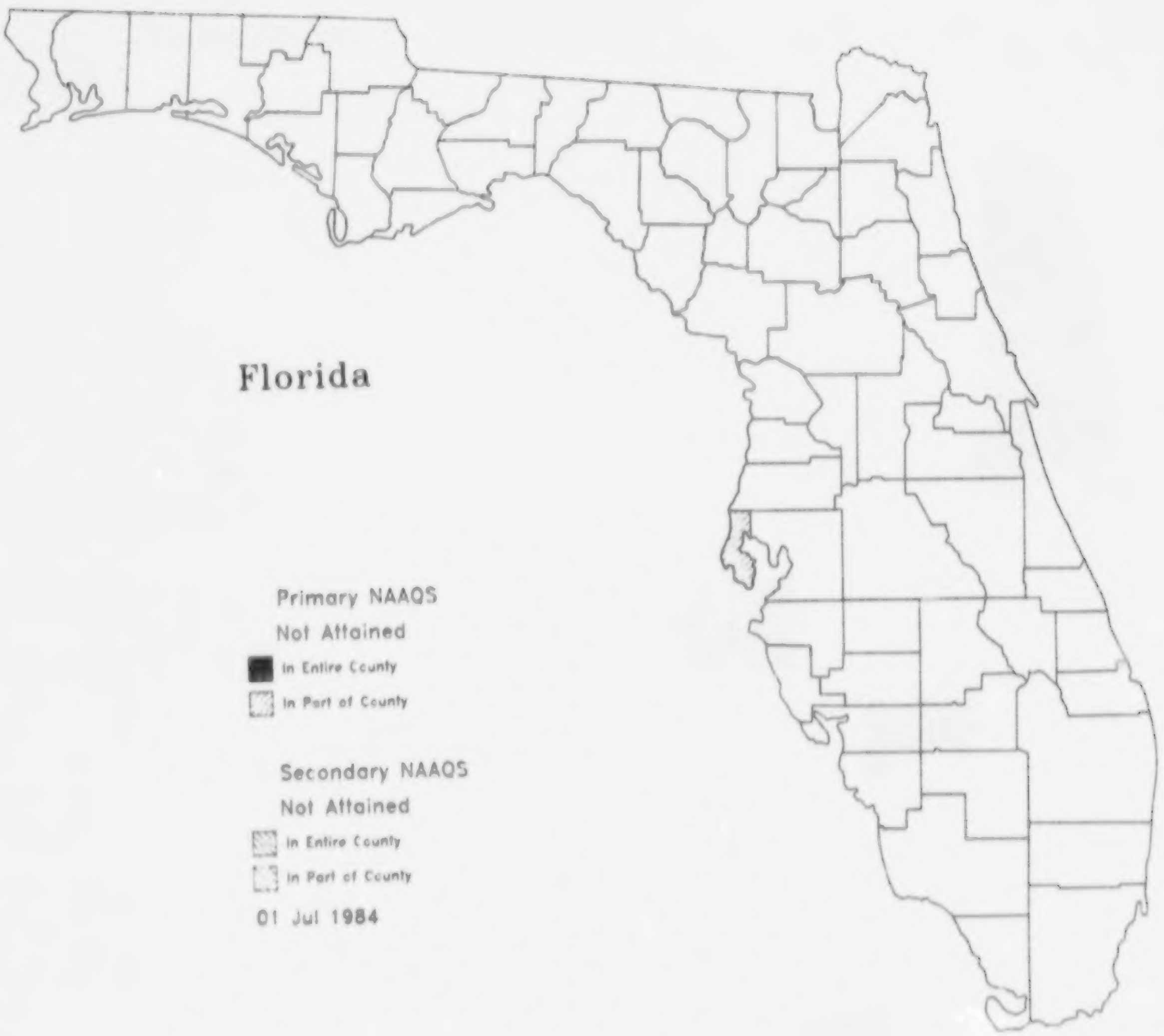
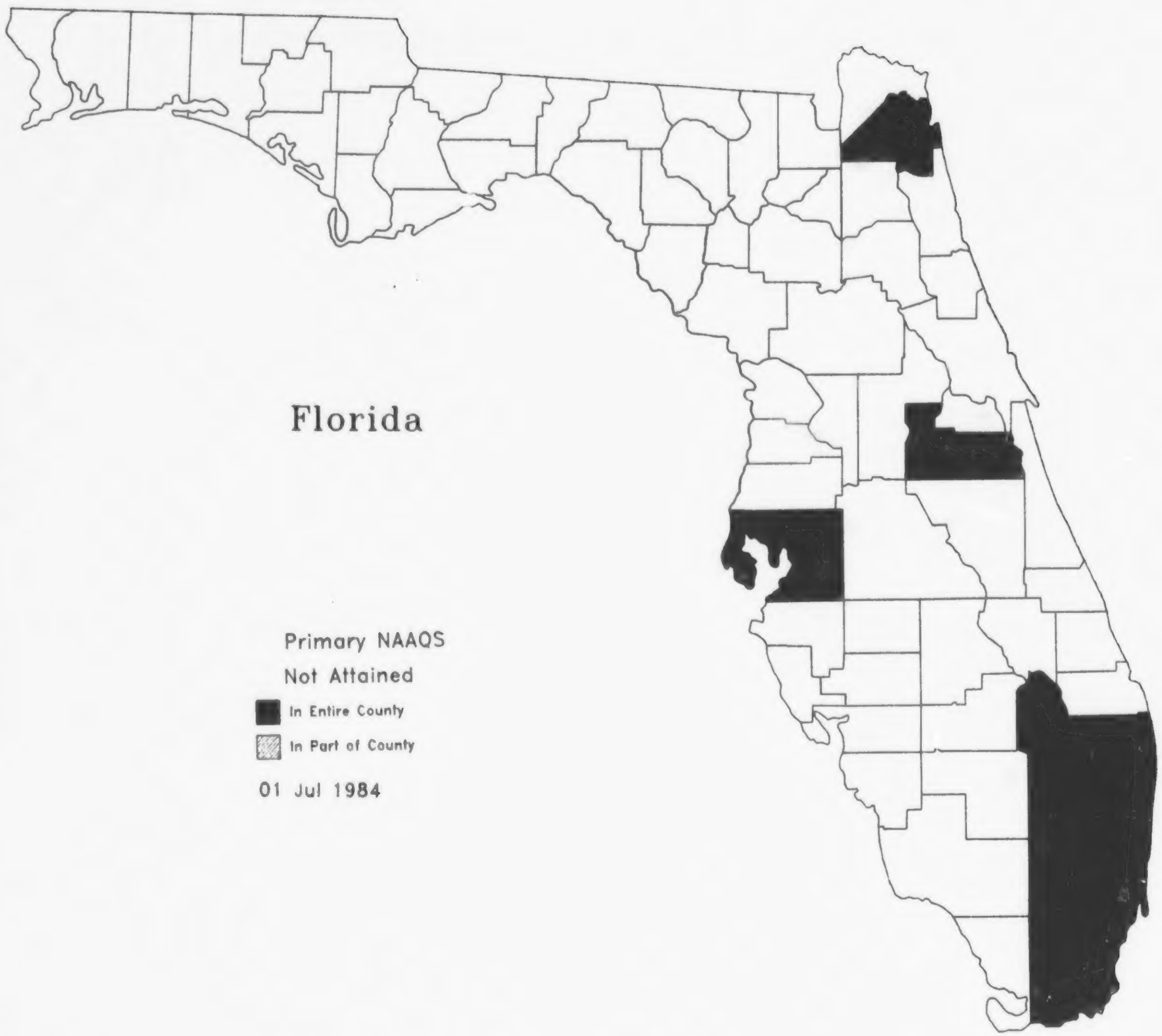
▨ In Entire County
☐ In Part of County
01 Jul 1984

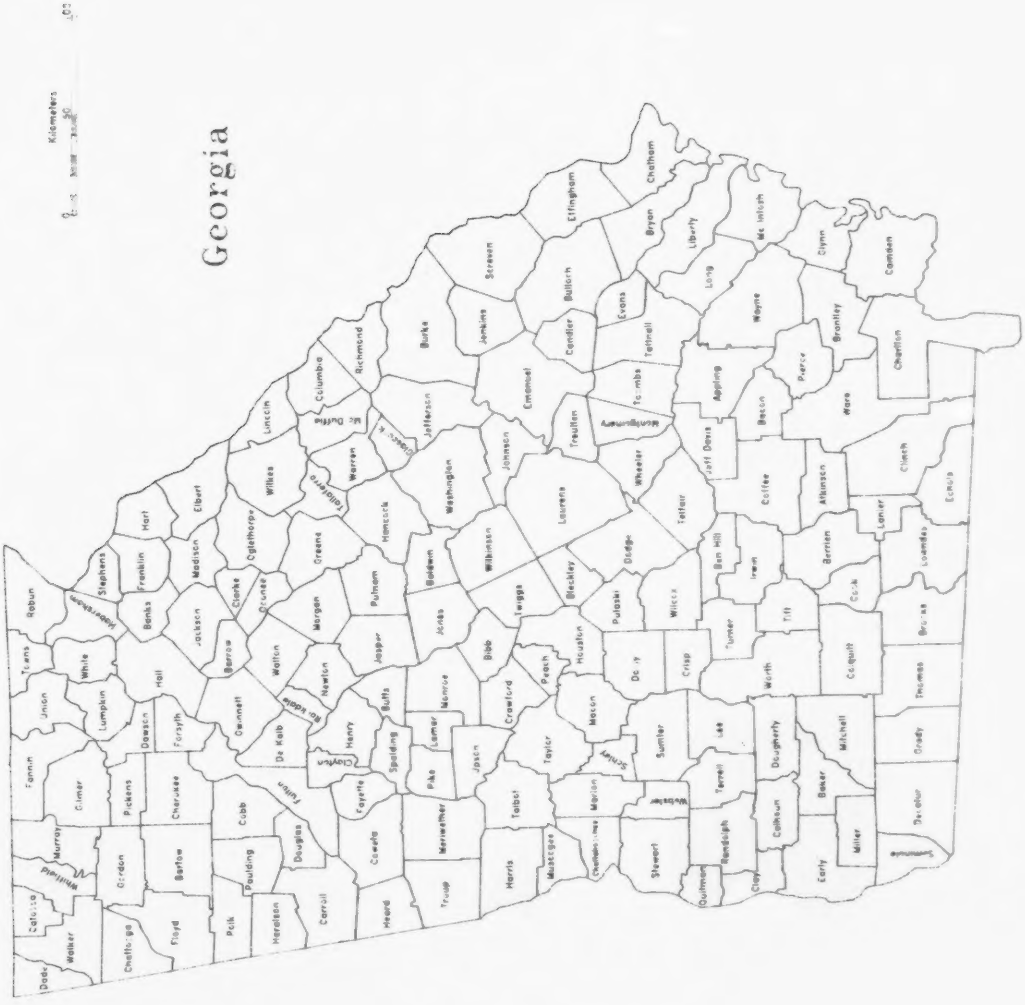
Promulgated List of TSP Non-Attaining Counties - 1984


Florida
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties – 1984


Florida
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties -- 1984


Georgia
Kilometers
0
50
100
Dade
Walker
Catoosa
Whitfield
Murray
Fannin
Union
Towns
Rabun
Habersham
Stephens
White
Lumpkin
Gilmer
Pickens
Dawson
Hall
Banks
Franklin
Hart
Elbert
Chattooga
Gordon
Floyd
Bartow
Cherokee
Forsyth
Jackson
Madison
Polk
Paulding
Cobb
Gwinnett
Barrow
Clarke
Oconee
Oglethorpe
Wilkes
Lincoln
Haralson
Carroll
Douglas
Fulton
De Kalb
Rockdale
Walton
Morgan
Greene
Taliaferro
Columbia
Mc Duffie
Richmond
Warren
Glascock
Heard
Coweta
Fayette
Clayton
Henry
Newton
Jasper
Putnam
Hancock
Jefferson
Burke
Troup
Meriwether
Spalding
Butts
Pike
Lamar
Monroe
Jones
Baldwin
Washington
Johnson
Jenkins
Screven
Harris
Talbot
Upson
Crawford
Bibb
Twiggs
Wilkinson
Laurens
Emanuel
Bulloch
Effingham
Chatham
Muscogee
Chattahoochee
Marion
Taylor
Peach
Houston
Bleckley
Dodge
Treutlen
Candler
Evans
Bryan
Stewart
Webster
Schley
Macon
Pulaski
Wheeler
Montgomery
Toombs
Tattnall
Liberty
Quitman
Randolph
Terrell
Sumter
Dooly
Crisp
Wilcox
Telfair
Jeff Davis
Appling
Long
Mc Intosh
Clay
Calhoun
Lee
Turner
Ben Hill
Irwin
Coffee
Bacon
Wayne
Glynn
Early
Baker
Dougherty
Worth
Tift
Berrien
Atkinson
Pierce
Brantley
Camden
Miller
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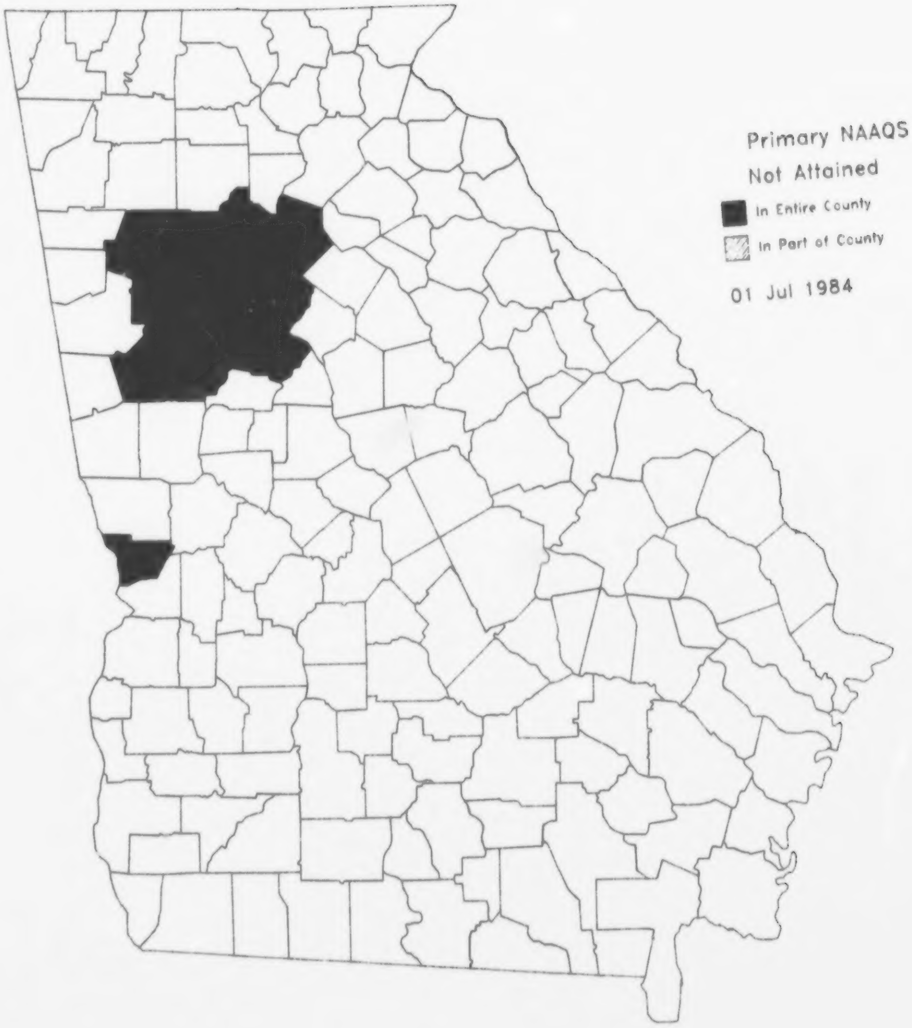
Decatur
Grady
Thomas
Brooks
Lowndes
Echols

Georgia


Primary NAAQS
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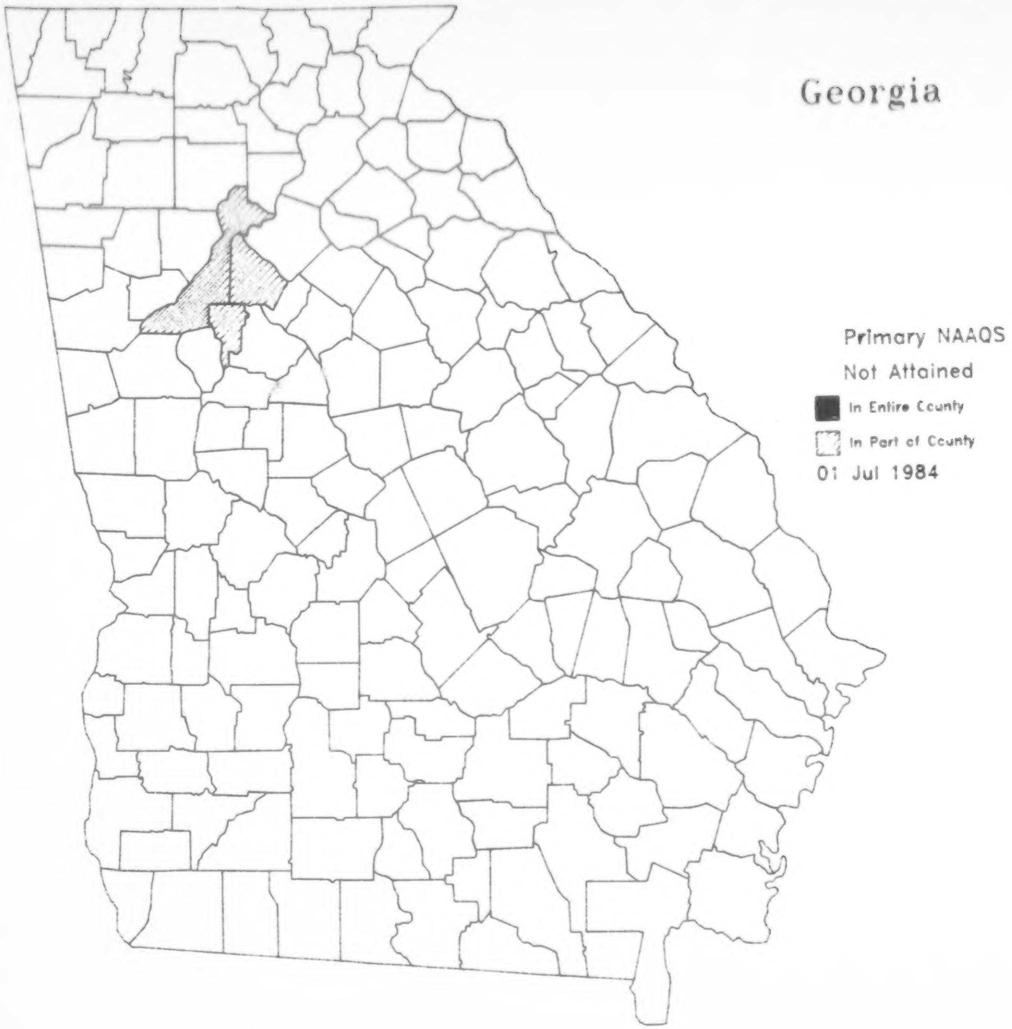
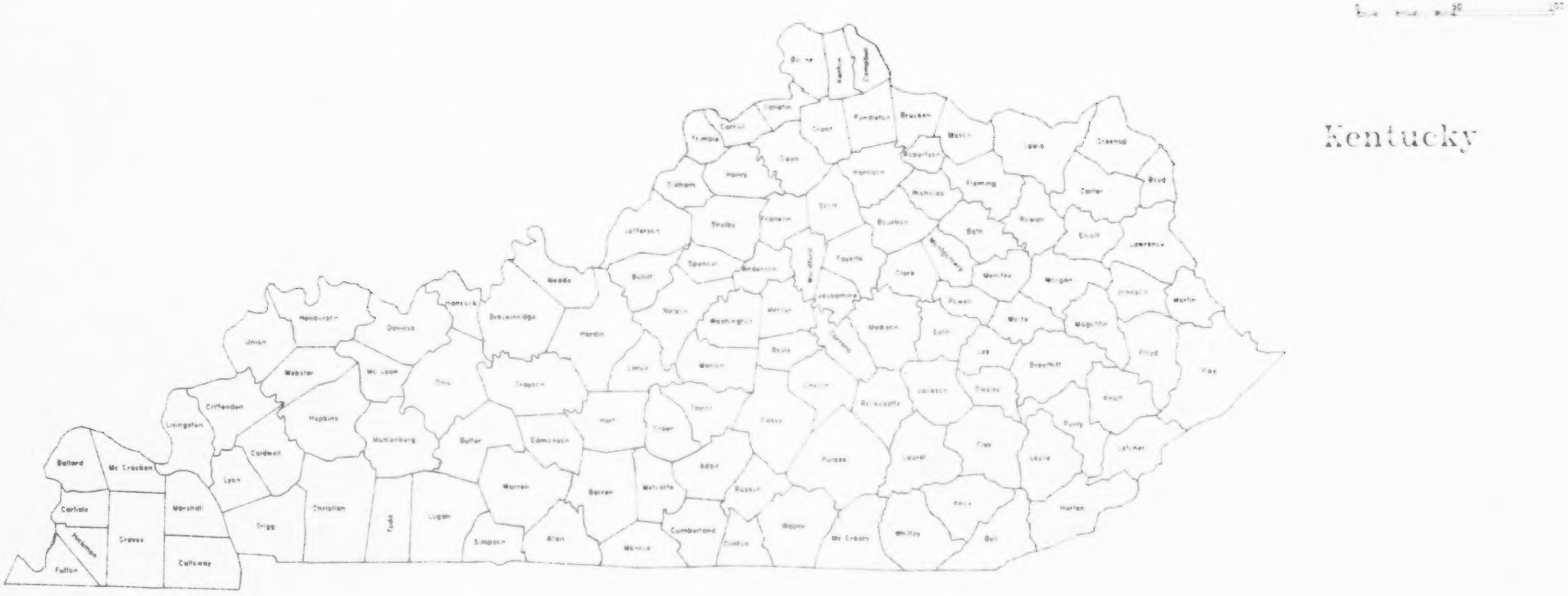
■ In Entire County
▨ In Part of County
01 Jul 1984

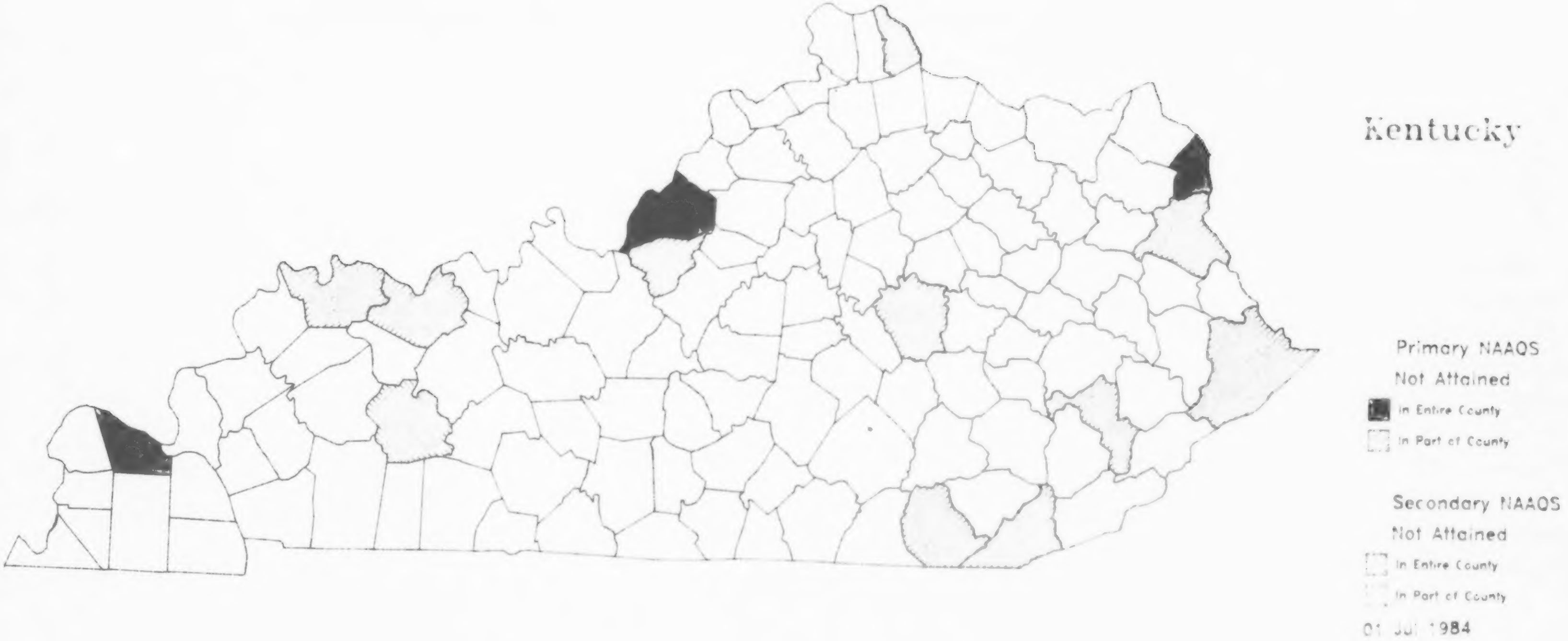
Promulgated List of O3 Non-Attaining Counties – 1984


Georgia
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

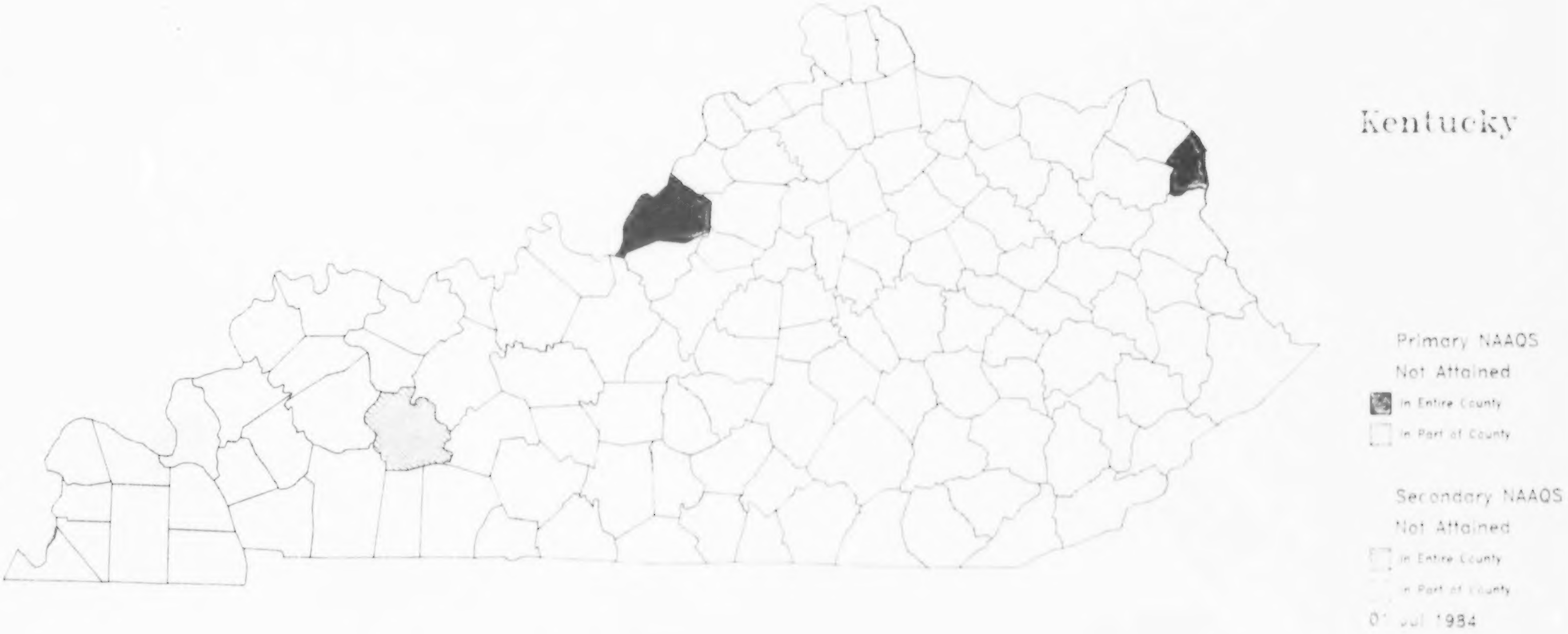

Kilometers
0
50
100
Boone
Kenton
Campbell
Gallatin
Carroll
Trimble
Grant
Pendleton
Bracken
Mason
Lewis
Greenup
Boyd
Owen
Henry
Oldham
Robertson
Harrison
Nicholas
Fleming
Carter
Jefferson
Shelby
Franklin
Scott
Bourbon
Bath
Rowan
Elliott
Lawrence
Spencer
Anderson
Woodford
Fayette
Clark
Montgomery
Menifee
Morgan
Johnson
Martin
Bullitt
Jessamine
Powell
Wolfe
Magoffin
Meade
Hancock
Breckinridge
Henderson
Daviess
Union
Hardin
Nelson
Washington
Mercer
Garrard
Madison
Estill
Lee
Breathitt
Floyd
Pike
Boyle
Marion
Larue
Ohio
Mc Lean
Webster
Grayson
Lincoln
Jackson
Owsley
Knott
Crittenden
Livingston
Hopkins
Hart
Taylor
Green
Casey
Rockcastle
Perry
Muhlenberg
Butler
Edmonson
Caldwell
Lyon
Adair
Pulaski
Laurel
Clay
Leslie
Letcher
Ballard
Mc Cracken
Warren
Barren
Metcalfe
Russell
Knox
Harlan
Carlisle
Marshall
Christian
Todd
Logan
Trigg
Graves
Hickman
Fulton
Calloway
Simpson
Allen
Monroe
Cumberland
Clinton
Wayne
Mc Creary
Whitley
Bell

Kentucky



Kentucky
Primary NAAQS
Not Attained
■ In Entire County
░ In Part of County
Secondary NAAQS
Not Attained
⬚ In Entire County
⬚ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Kentucky
Primary NAAQS
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Secondary NAAQS
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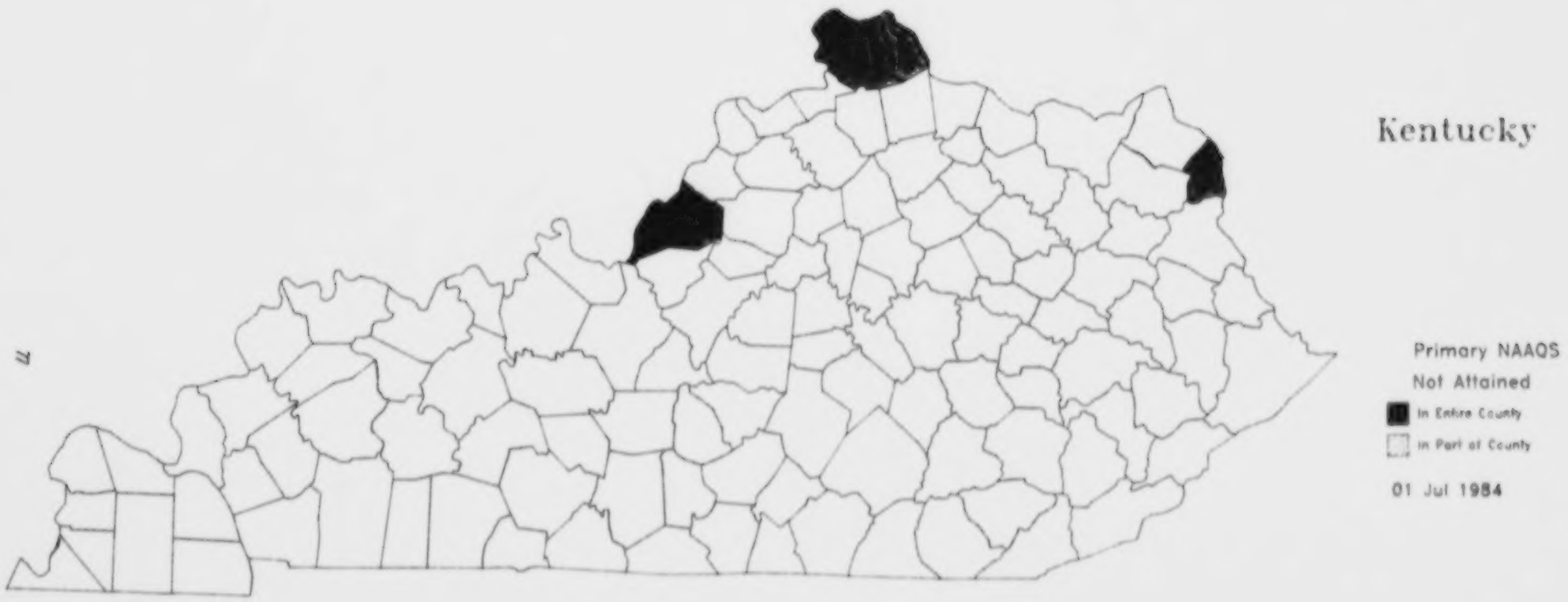
☐ In Entire County
In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984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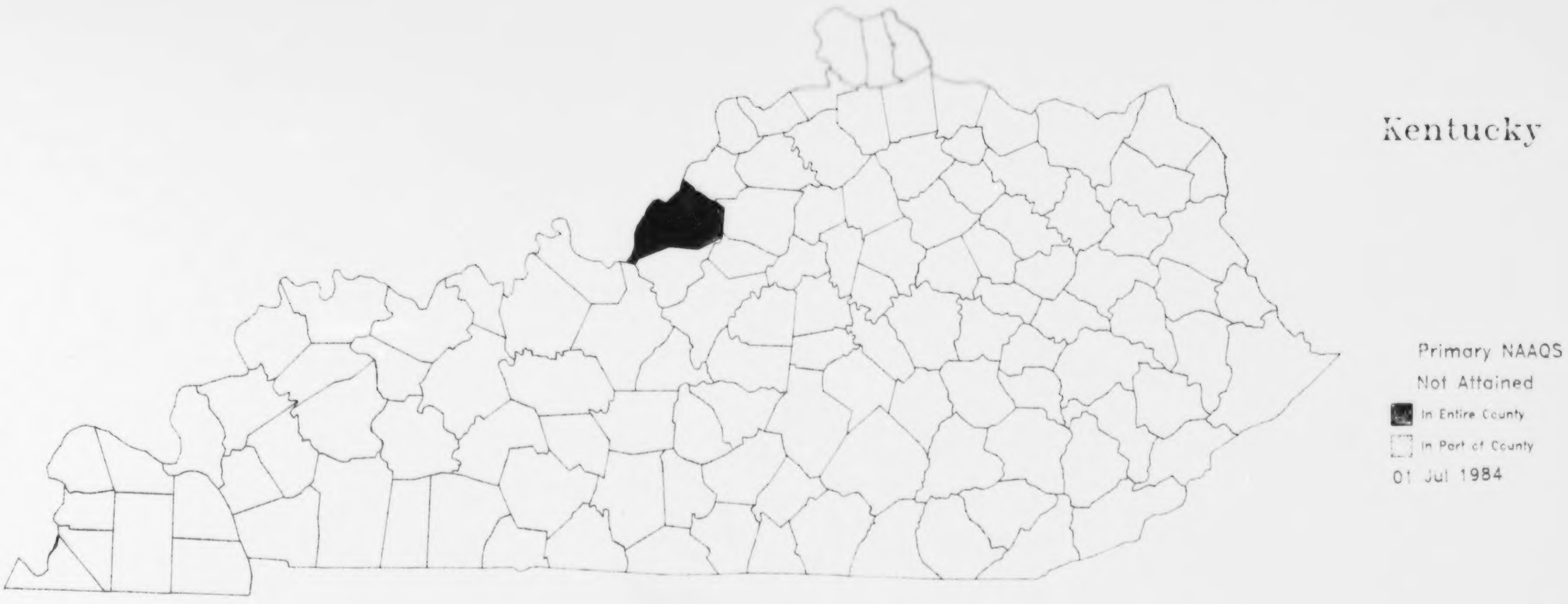
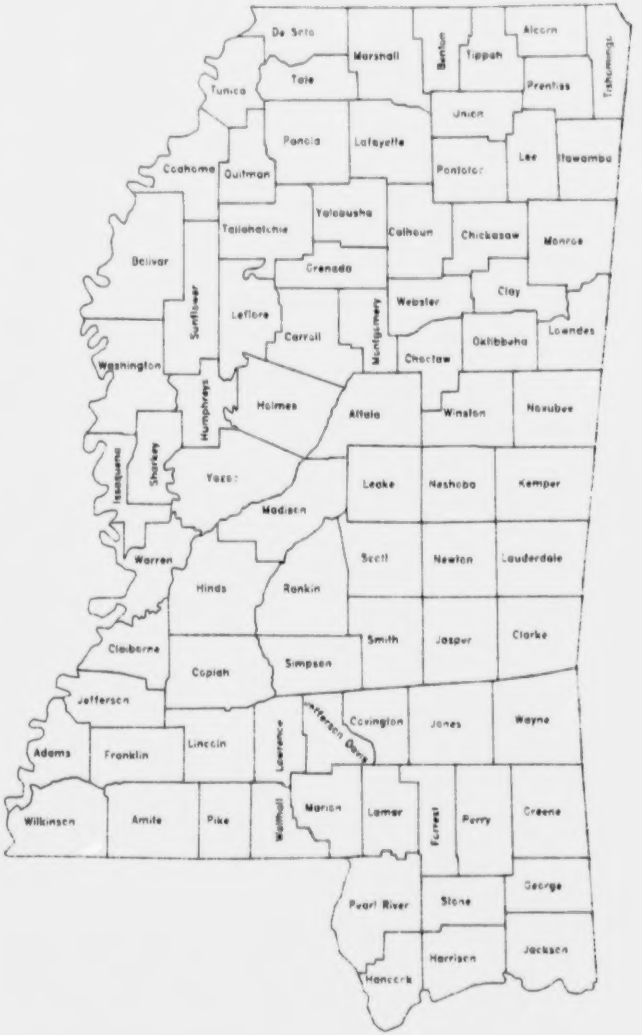
Not Attained
In Entire County
In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


Kentucky
Primary NAAQS
Not Attained
▇ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984



De Soto
Marshall
Benton
Tippah
Alcorn
Tishomingo
Tunica
Tate
Prentiss
Union
Panola
Lafayette
Pontotoc
Lee
Itawamba
Coahoma
Quitman
Tallahatchie
Yalobusha
Calhoun
Chickasaw
Monroe
Bolivar
Sunflower
Grenada
Leflore
Carroll
Montgomery
Webster
Clay
Lowndes
Choctaw
Oktibbeha
Washington
Humphreys
Holmes
Attala
Winston
Noxubee
Issaquena
Sharkey
Yazoo
Madison
Leake
Neshoba
Kemper
Scott
Newton
Lauderdale
Warren
Hinds
Rankin
Smith
Jasper
Clarke
Claiborne
Copiah
Simpson
Jefferson
Lincoln
Lawrence
Jefferson Davis
Covington
Jones
Wayne
Adams
Franklin
Wilkinson
Amite
Pike
Walthall
Marion
Lamar
Forrest
Perry
Greene
George
Pearl River
Stone
Hancock
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Jackson
Kilometers
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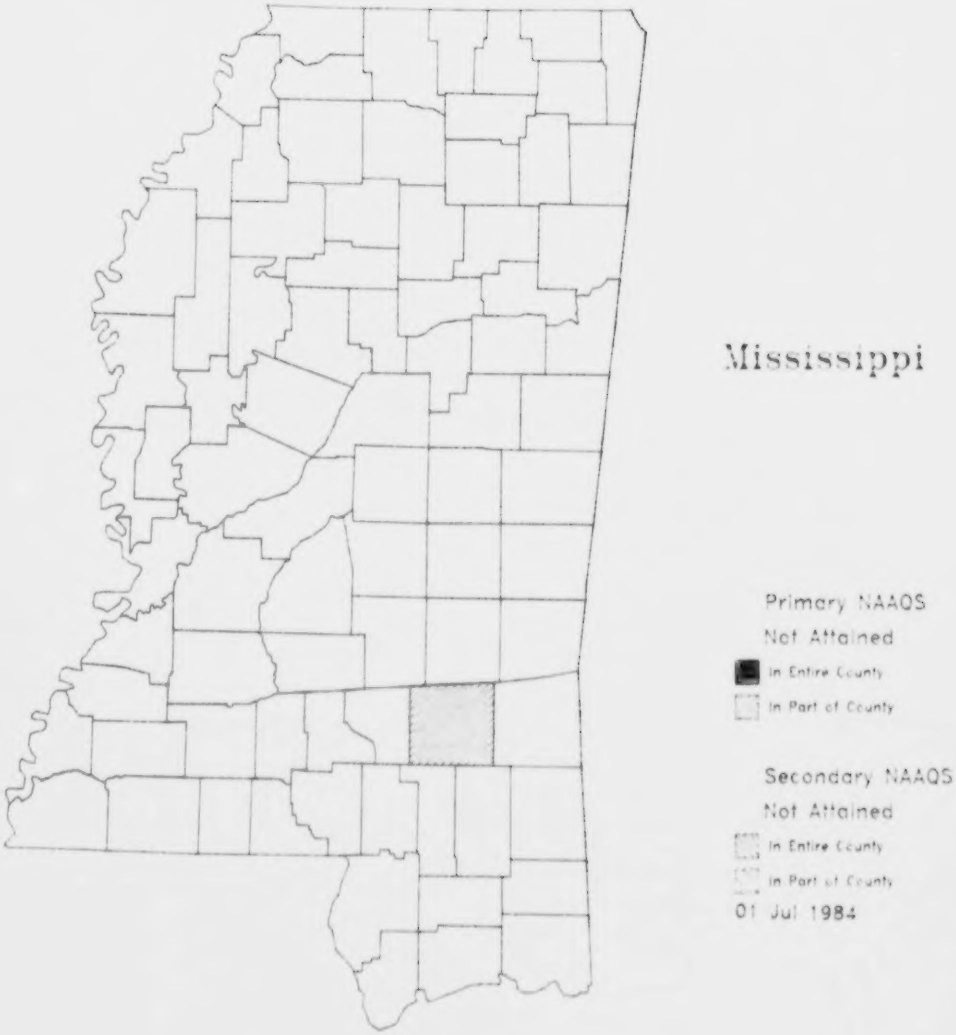
50
100

Mississippi


Mississippi
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
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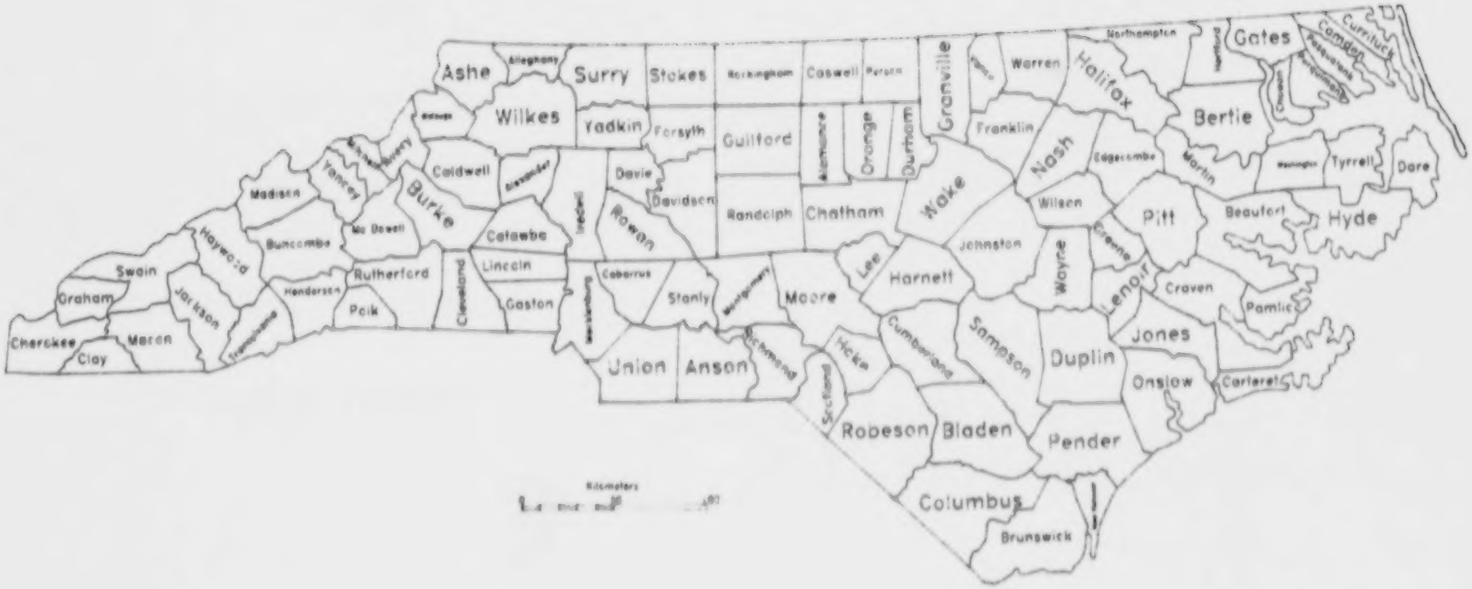
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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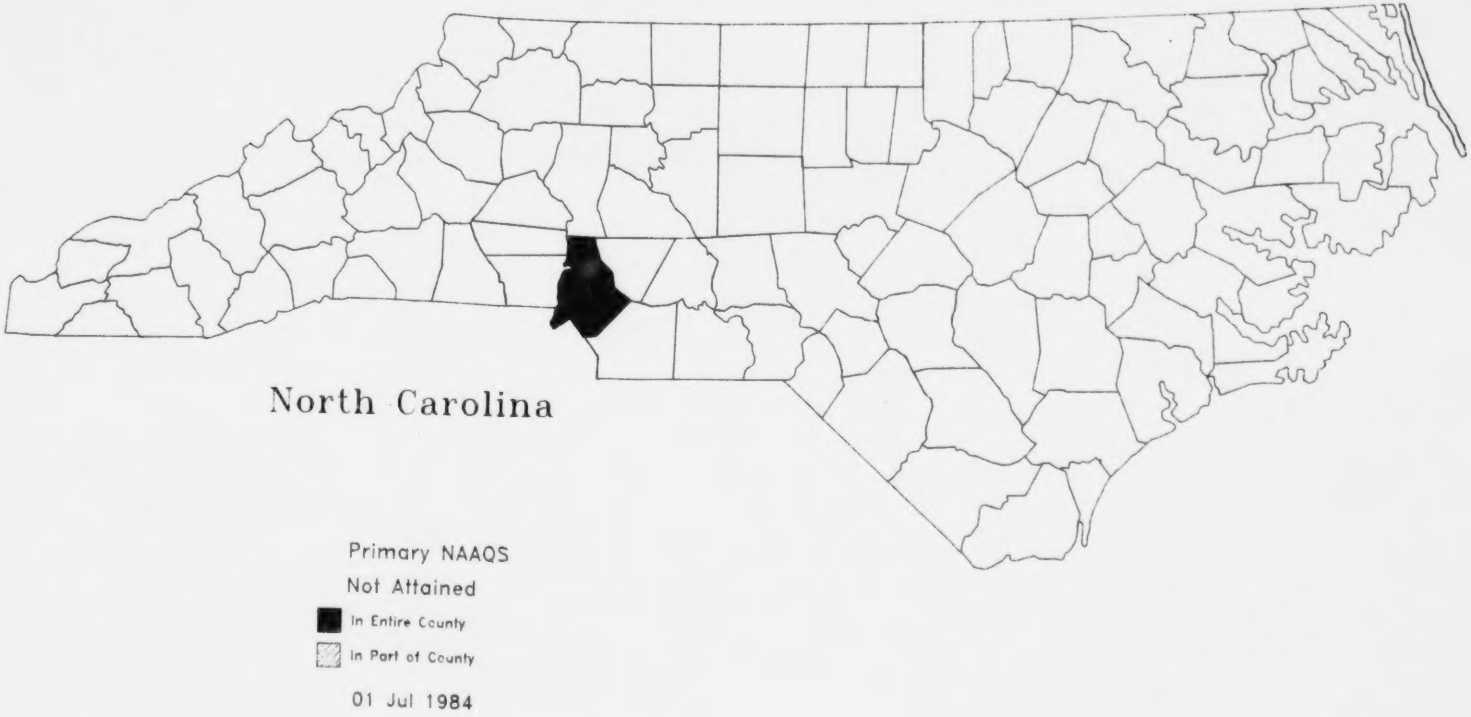
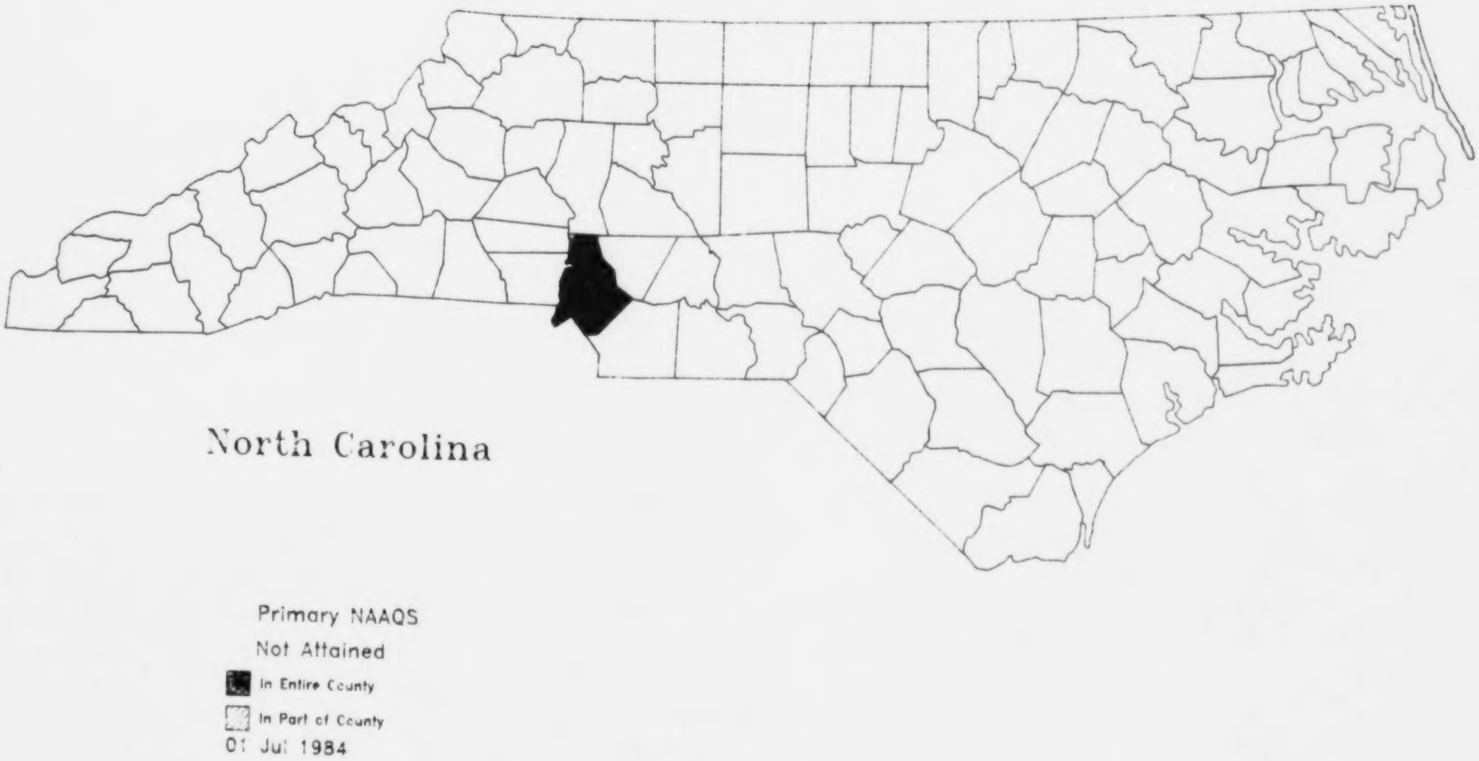
Alleghany
Surry
Stokes
Rockingham
Caswell
Person
Granville
Vance
Warren
Northampton
Hertford
Gates
Currituck
Camden
Pasquotank
Perquimans
Chowan
Watauga
Wilkes
Yadkin
Forsyth
Guilford
Alamance
Orange
Durham
Franklin
Halifax
Bertie
Avery
Mitchell
Madison
Yancey
Caldwell
Alexander
Burke
Iredell
Davie
Rowan
Davidson
Randolph
Chatham
Wake
Nash
Edgecombe
Martin
Washington
Tyrrell
Dare
Haywood
Buncombe
McDowell
Catawba
Wilson
Pitt
Beaufort
Hyde
Swain
Graham
Cherokee
Clay
Macon
Jackson
Transylvania
Henderson
Rutherford
Polk
Cleveland
Lincoln
Gaston
Mecklenburg
Cabarrus
Stanly
Montgomery
Moore
Lee
Harnett
Johnston
Wayne
Greene
Lenoir
Craven
Pamlico
Jones
Union
Anson
Richmond
Scotland
Hoke
Cumberland
Sampson
Duplin
Onslow
Carteret
Robeson
Bladen
Pender
Columbus
Brunswick
Kilometers

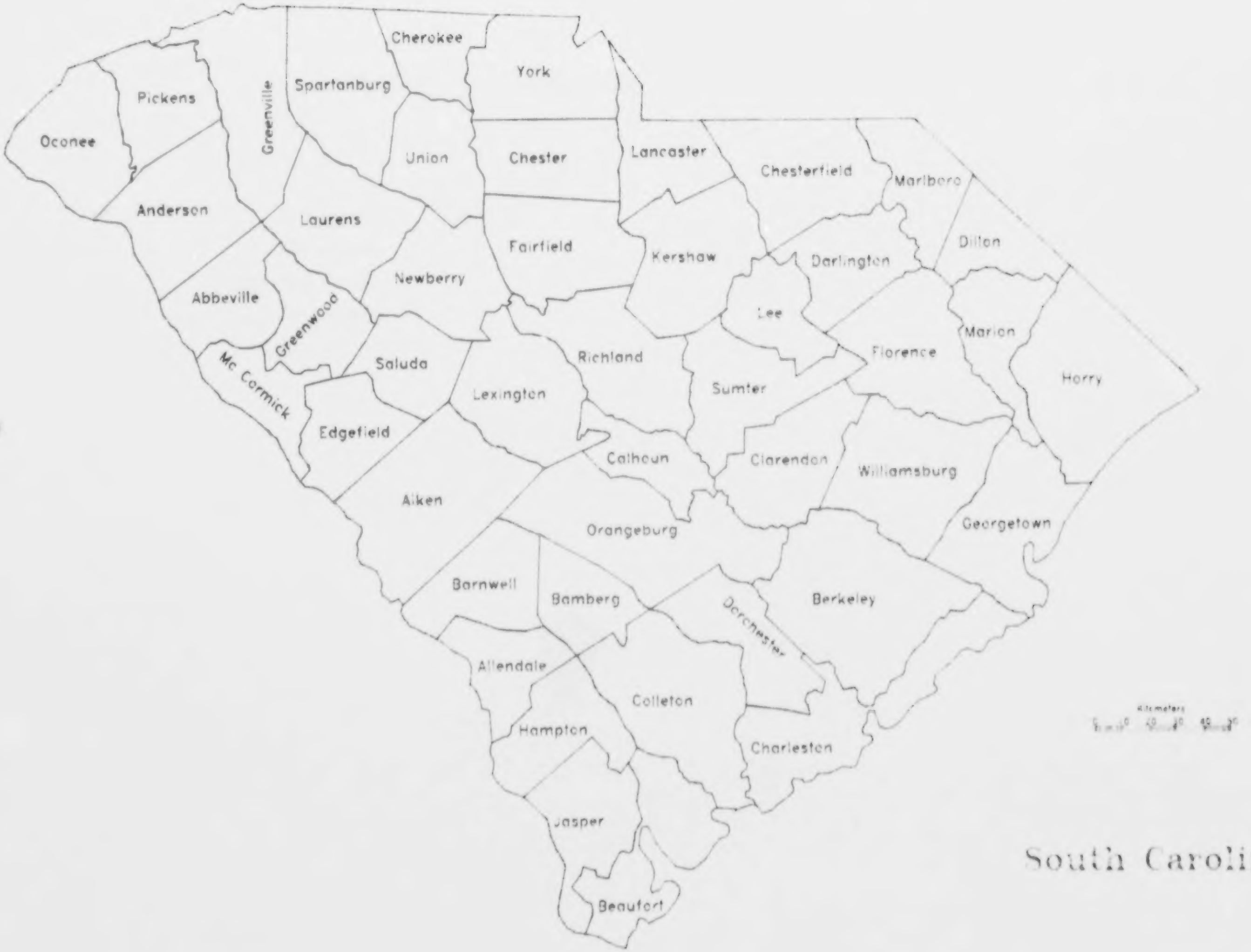
North Carolina


North Carolina
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


North Carolina
Primary NAAQS
Not Attained
In Entire County
In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984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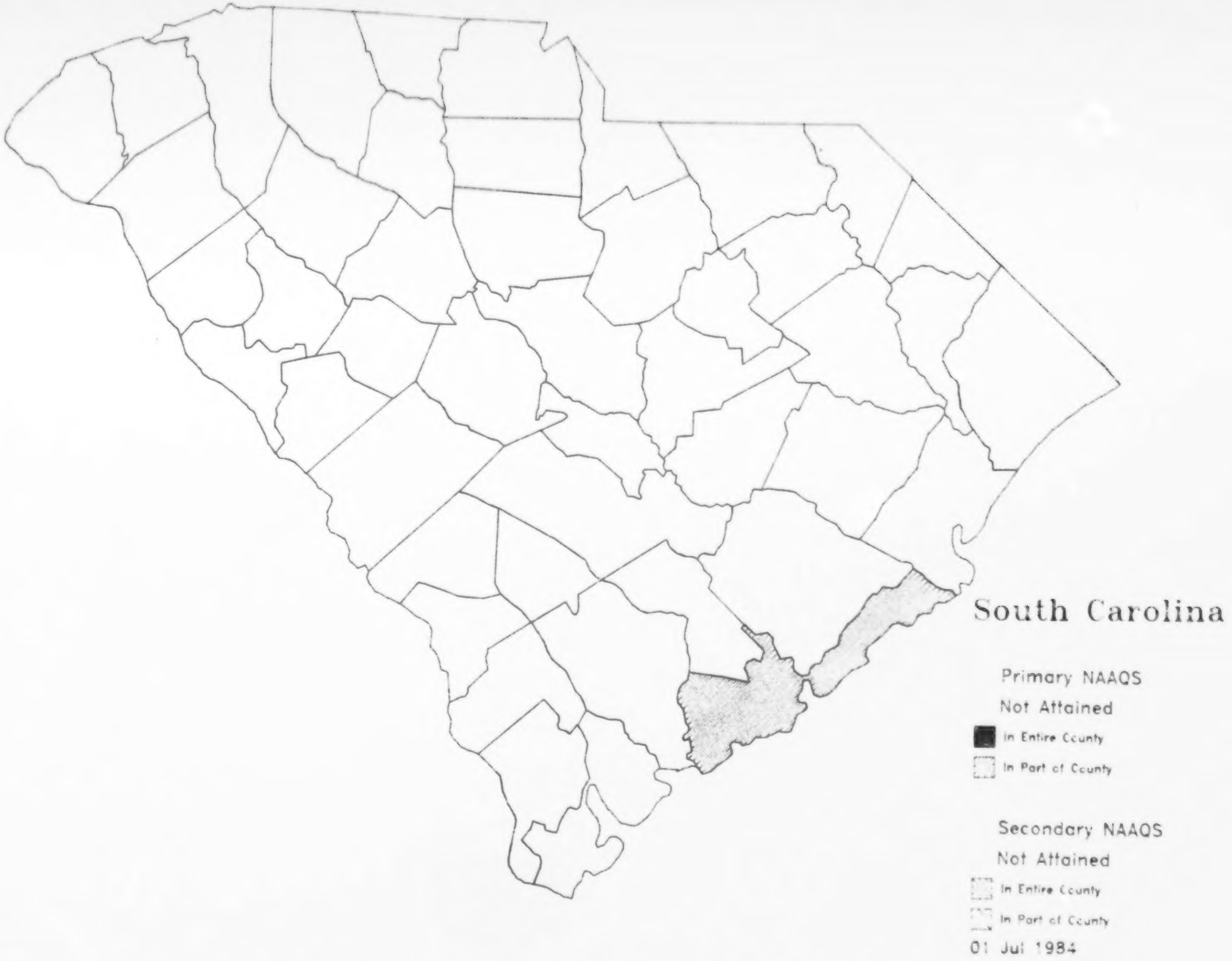
Pickens
Greenville
Spartanburg
Cherokee
York
Anderson
Laurens
Union
Chester
Lancaster
Chesterfield
Marlboro
Dillon
Abbeville
Greenwood
Newberry
Fairfield
Kershaw
Darlington
Lee
Marion
Mc Cormick
Saluda
Lexington
Richland
Sumter
Florence
Horry
Edgefield
Calhoun
Clarendon
Williamsburg
Aiken
Orangeburg
Georgetown
Barnwell
Bamberg
Dorchester
Berkeley
Allendale
Colleton
Hampton
Charleston
Jasper
Beaufort
Kilometers
0 10 20 30 40 50

South Carolina


South Carolina
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
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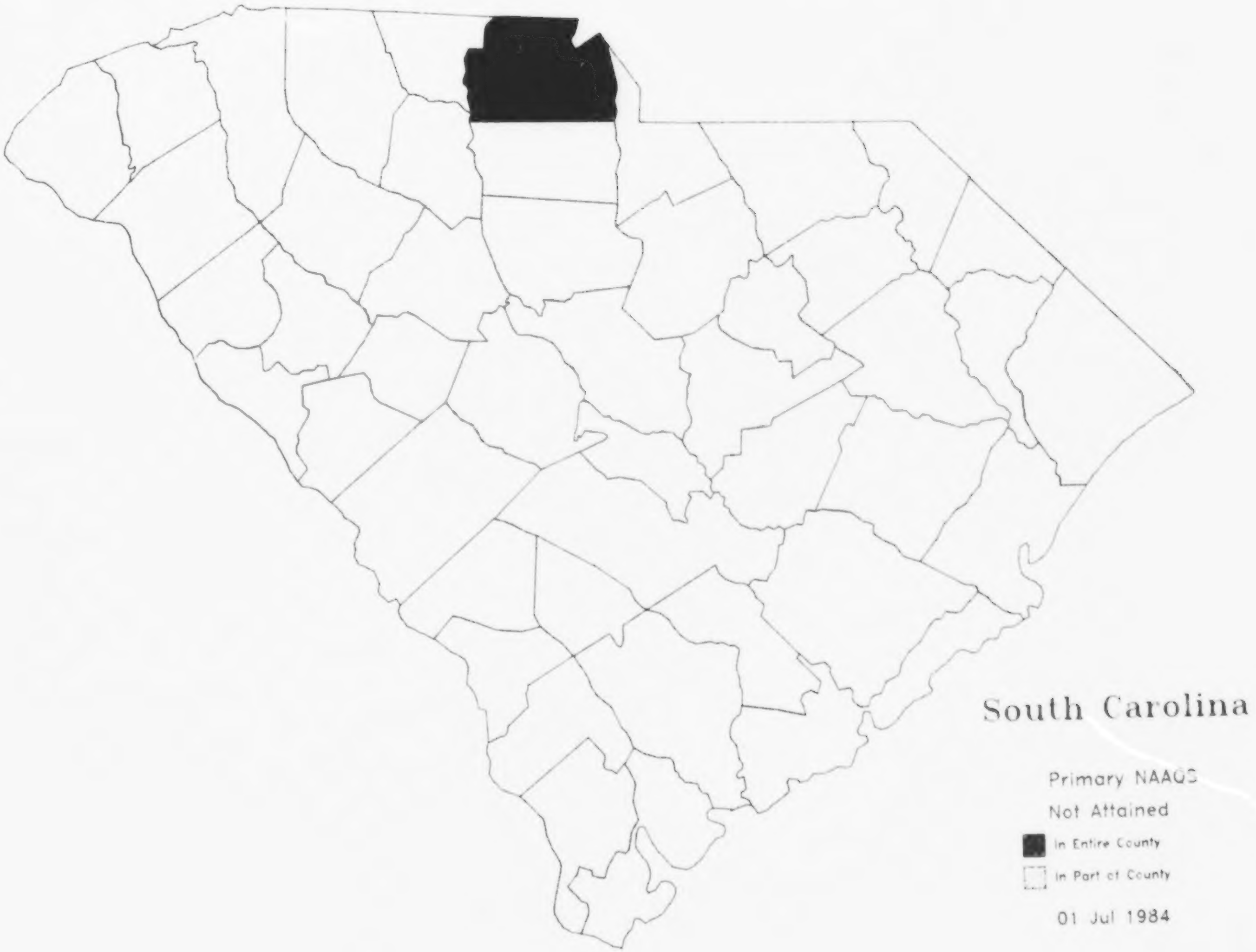
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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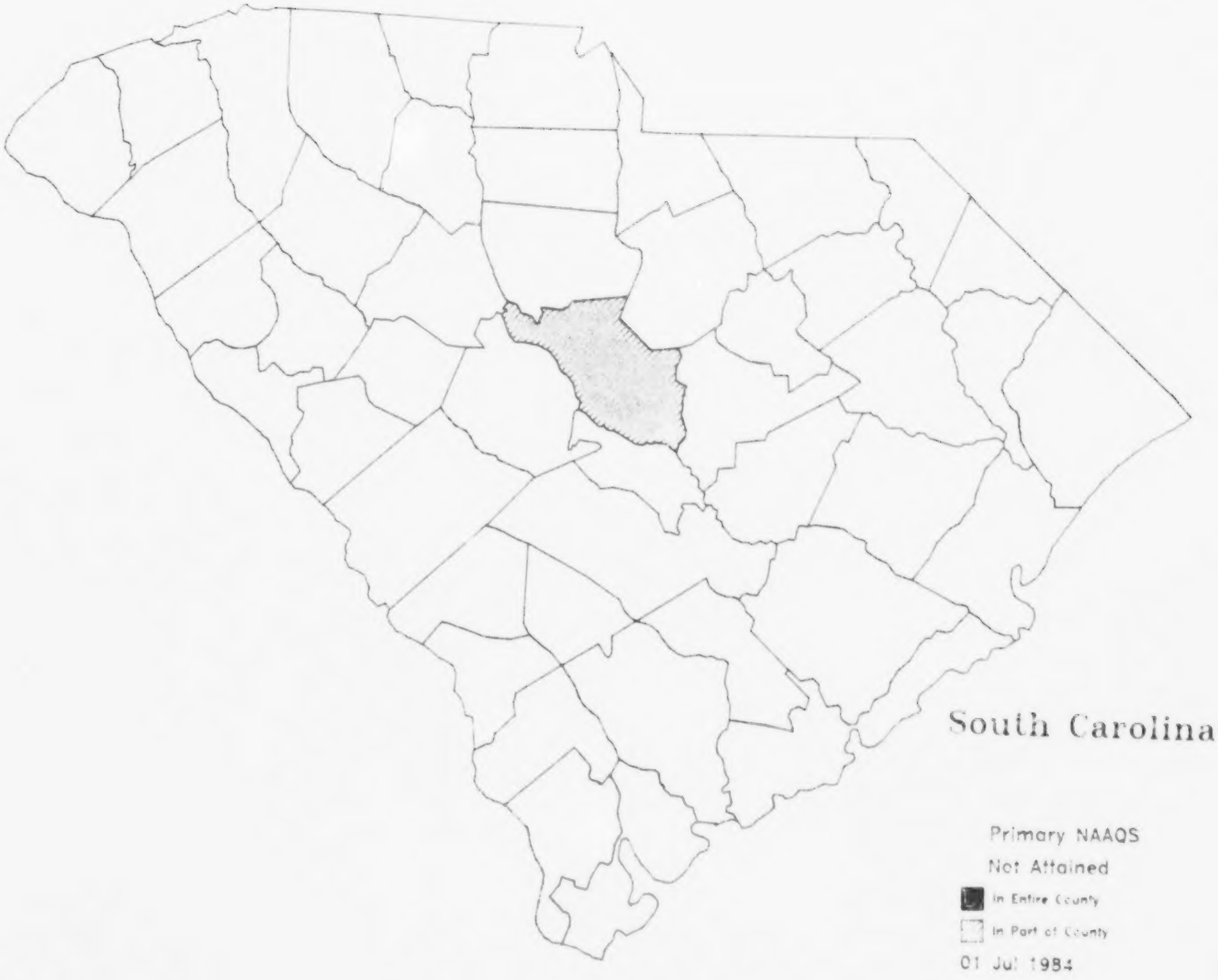
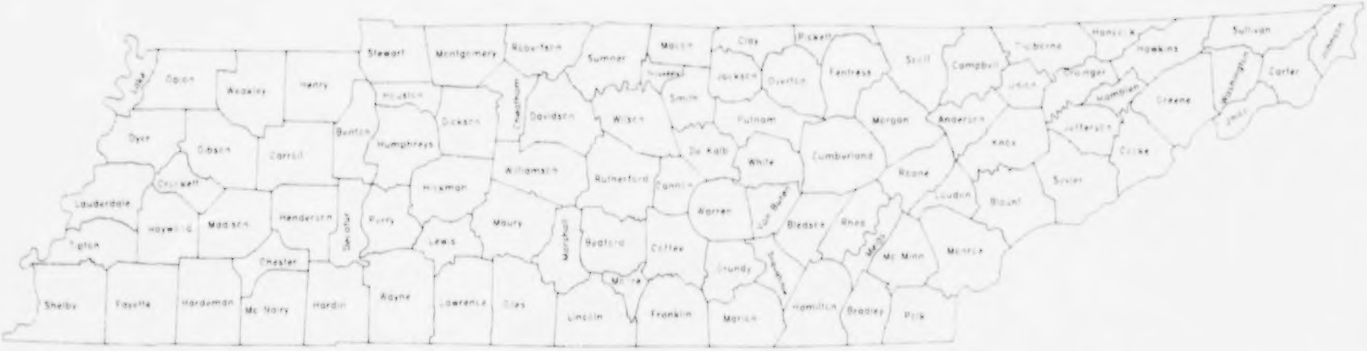
☐ In Part of County
01 Jul 1984

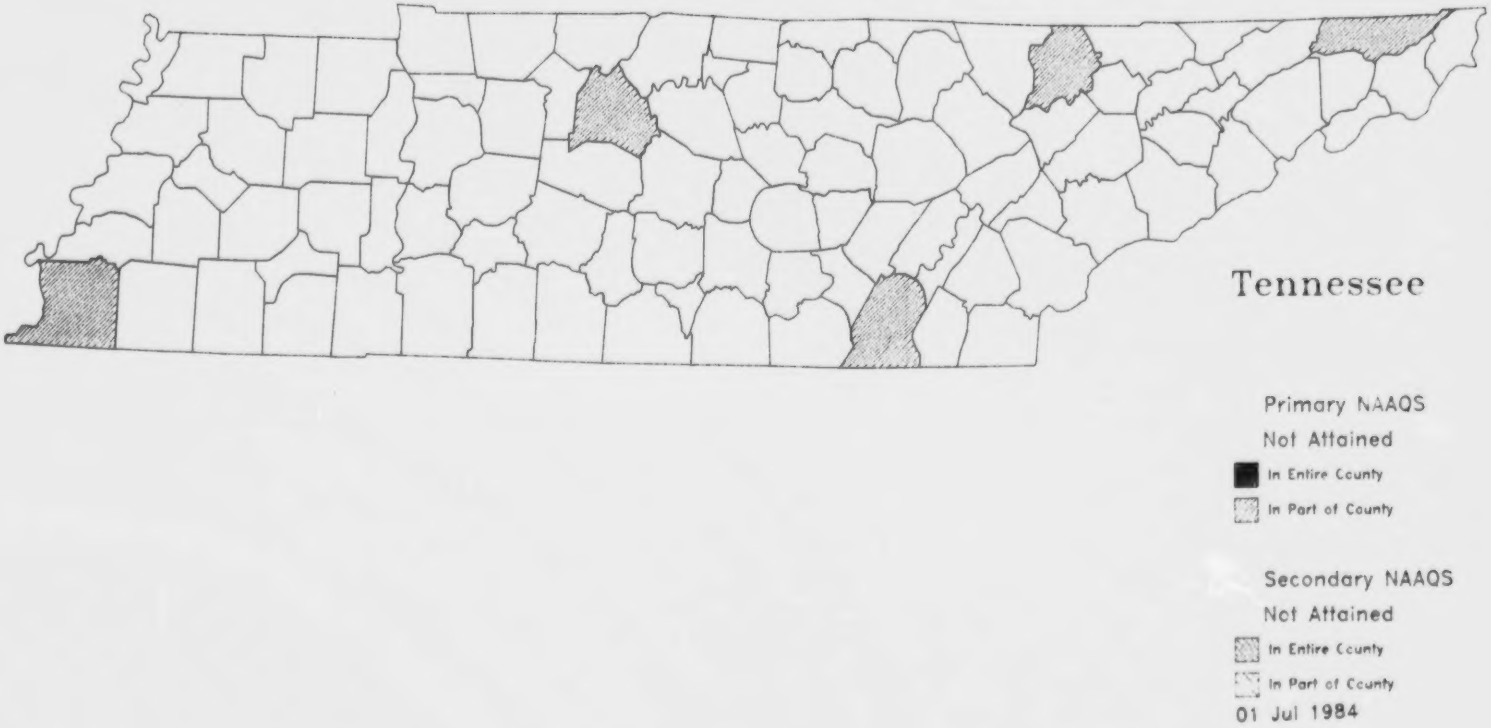
Promulgated List of O3 Non-Attaining Counties – 1984


South Carolina
Primary NAAQS
Not Attained
■ In Entire County
☐ In Part of County
01 Jul 1984

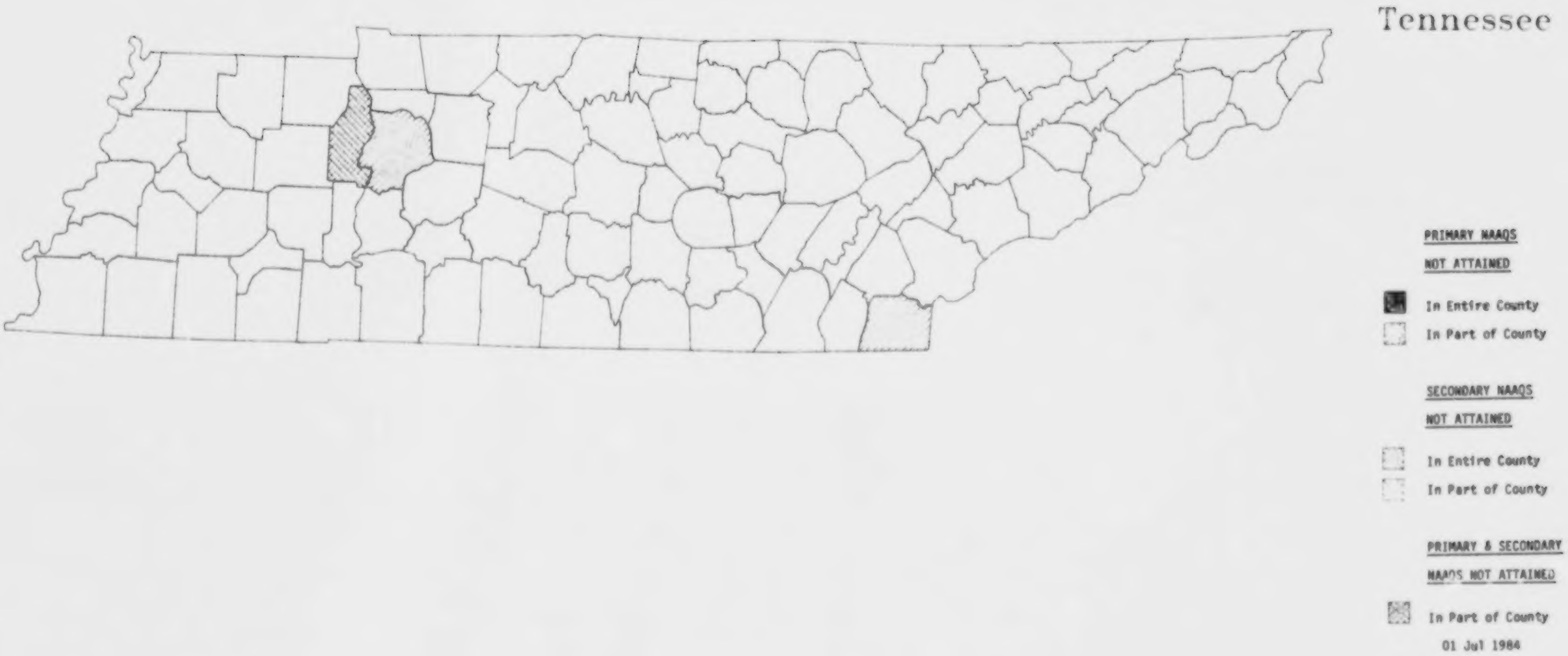
Promulgated List of CO Non-Attaining Counties – 1984

Tennessee

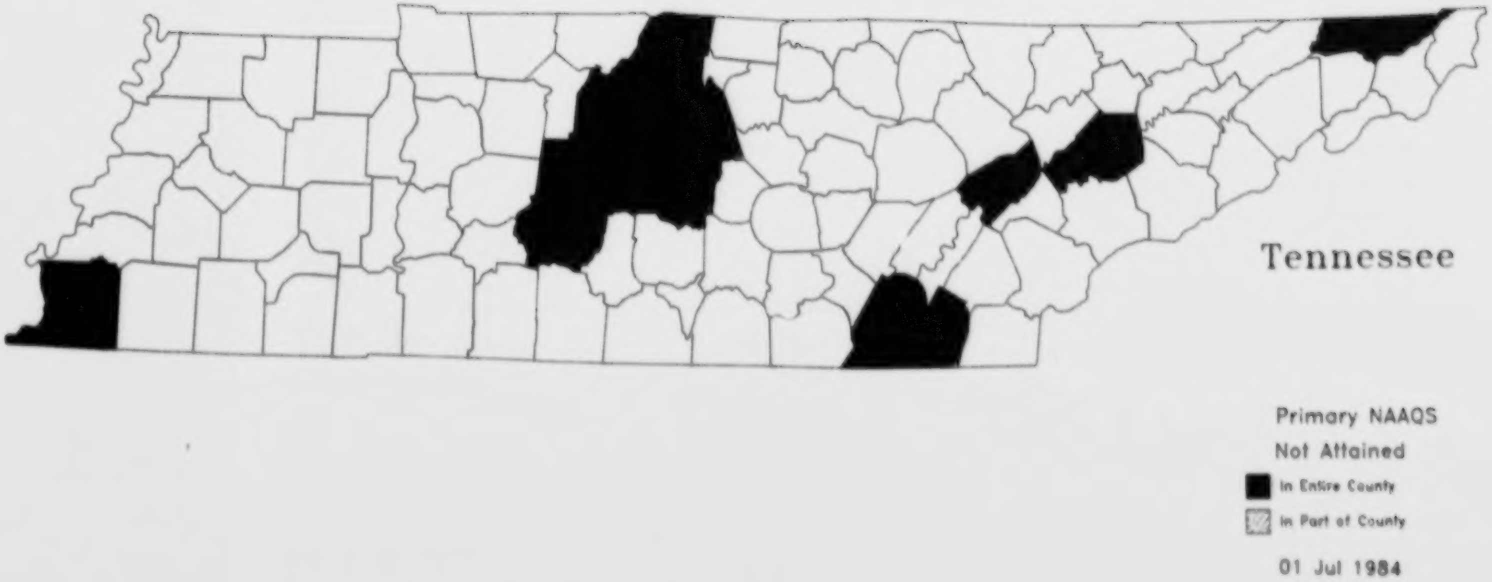

Kilometers
0
50
100
Lake
Obion
Weakley
Henry
Stewart
Montgomery
Robertson
Sumner
Macon
Clay
Pickett
Scott
Campbell
Claiborne
Hancock
Hawkins
Sullivan
Johnson
Carter
Unicoi
Washington
Greene
Hamblen
Grainger
Union
Jefferson
Cocke
Knox
Sevier
Blount
Anderson
Morgan
Fentress
Overton
Jackson
Trousdale
Smith
Putnam
Cheatham
Davidson
Wilson
Houston
Dickson
Humphreys
Benton
Carroll
Gibson
Dyer
Crockett
Lauderdale
Tipton
Haywood
Madison
Henderson
Decatur
Perry
Hickman
Williamson
Rutherford
Cannon
De Kalb
White
Cumberland
Roane
Loudon
Monroe
Mc Minn
Meigs
Rhea
Bledsoe
Van Buren
Warren
Grundy
Sequatchie
Coffee
Bedford
Marshall
Maury
Lewis
Chester
Shelby
Fayette
Hardeman
Mc Nairy
Hardin
Wayne
Lawrence
Giles
Lincoln
Moore
Franklin
Marion
Hamilton
Bradley
Polk


Tennessee
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

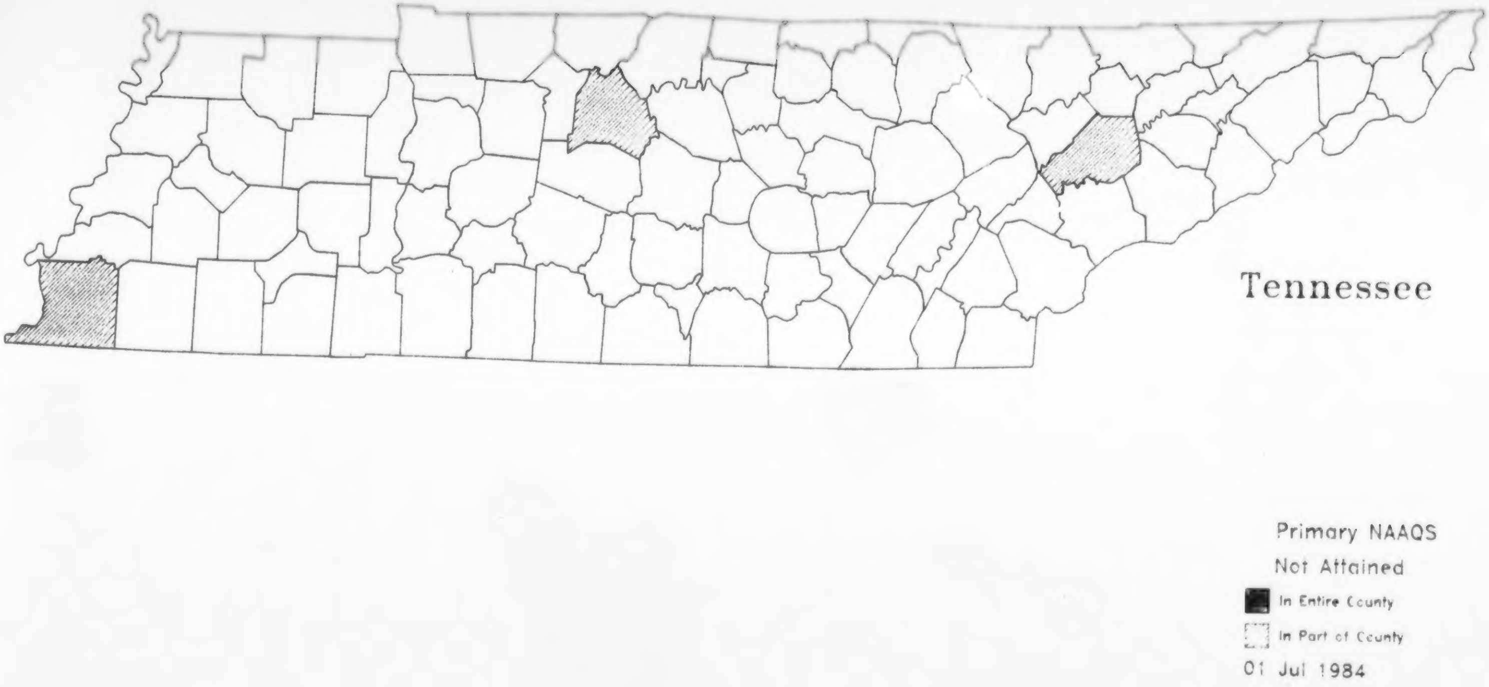
Promulgated List of TSP Non-Attaining Counties - 1984


Tennessee
PRIMARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984


Tennessee
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties – 1984


Tennessee
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Region V

Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

Air Programs Branch
EPA Region V
230 South Dearborn
Chicago, Illinois 60604
(312) 353-2211
FTS: 353-2211

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
ILLINOIS

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Adams Co	71,622		P					
Cook Co	5,253,655	P				P		W
De Kalb Co	74,624		P					
Du Page Co	658,829	P						W
Jo Daviess Co	23,520		P					
Kane Co	275,405		P					W
Kankakee Co	102,926		P					
Kendall Co	37,202		P					
Knox Co	61,607		P					
Lake Co	440,372		P					W
La Salle Co	112,033	P						
Mc Lean Co	119,149		P					
Macon Co	131,375	P						
Macoupin Co	49,334							W
Madison Co	247,661	P						W
Massac Co	14,990		P					
Menard Co	11,700		P					
Monroe Co	20,117		P					W
Peoria Co	200,466	P		P				
Rock Island Co	165,968	P				P		
St Clair Co	267,531	P						W
Tazewell Co	132,078	P		P				
Whiteside Co	65,970		P					
Will Co	324,460	P						
Williamson Co	56,538		P					W

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
INDIANA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Clark Co	86,838	P						W
Dearborn Co	34,291	P						
Dubois Co	34,238	P						
Elkhart Co	137,330							W
Floyd Co	61,205							W
Lake Co	522,965	P		P		P		W
La Porte Co	106,632			P				
Marion Co	765,233	P		W		P		W
Porter Co	119,816							W
St Joseph Co	241,617		P					W
Vanderburgh Co	167,515		P					
Vigo Co	112,385	P		W				
Wayne Co	76,058			P				

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

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COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
MICHIGAN

COUNTY	POPULATION	TSP		SO2		CO	NO2	O3
		PRIM	SEC	PRIM	SEC			
Allegan Co	81,555							W
Barry Co	45,781							W
Bay Co	119,881		P					W
Berrien Co	171,276							W
Branch Co	40,188							W
Calhoun Co	141,557	P						W
Cass Co	49,499							W
Clinton Co	55,893							W
Delta Co	38,947		P					
Eaton Co	88,337							W
Genesee Co	450,449	P						W
Gratiot Co	40,448							W
Hillsdale Co	42,071							W
Huron Co	36,459							W
Ingham Co	275,520							W
Ionia Co	51,815							W
Jackson Co	151,495							W
Kalamazoo Co	212,378							W
Kent Co	444,506							W
Lapeer Co	70,038	P	P					W
Lenawee Co	89,948							W
Livingston Co	100,289							W
Macomb Co	694,600					P		W
Manistee Co	23,019		P					
Marquette Co	74,101							W
Midland Co	73,578		P					W
Monroe Co	134,659	P	P					W
Montcalm Co	47,555							W
Muskegon Co	157,589		P					W
Oakland Co	1,011,793					P		W
Ottawa Co	157,174							W
Saginaw Co	228,059	P						W
St Clair Co	138,802		P					W
St Joseph Co	56,083							W
Sanilac Co	40,789							W
Shiawassee Co	71,140							W
Tuscola Co	56,961							W
Van Buren Co	66,814							W
Washtenaw Co	264,748							W
Wayne Co	2,337,891	P				P		W

P = PART OF THE COUNTY W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
MINNESOTA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Anoka Co	195,998		P	W		W		
Benton Co	25,187					P		
Carver Co	37,046			W		W		
Dakota Co	194,279		P	W		W		
Goodhue Co	38,749		P					
Hennepin Co	941,411	P		W		W		
Itasca Co	43,069		P					
Koochiching Co	17,571		P					
Olmsted Co	92,006			P		P		
Ramsey Co	459,784	P	P	W		W		
St Louis Co	222,229	P	P			P		
Scott Co	43,784			W		W		
Sherburne Co	29,908					P		
Stearns Co	108,161					P		
Washington Co	113,571			W		W		

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
OHIO

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Ashtabula Co	104,215							W
Belmont Co	82,569	P						
Butler Co	258,787		P					W
Clark Co	150,236		P					W
Clermont Co	128,483			P				W
Clinton Co	34,603							W
Columbiana Co	113,572	P		P				W
Coshocton Co	36,024			P				
Cuyahoga Co	1,496,400	P		P		W		W
Delaware Co	53,840							W
Erie Co	79,655		W					
Franklin Co	869,132	P				W		W
Gallia Co	30,098		W		P			
Geauga Co	74,474							W
Greene Co	129,769							W
Hamilton Co	873,224	P				W		W
Jackson Co	30,592		W					
Jefferson Co	91,564	P		P				W
Lake Co	212,801	P	P	P				W
Lawrence Co	63,849	P						
Licking Co	120,981							W
Logan Co	39,155	W						
Lorain Co	274,909	P	P	P				W
Lucas Co	471,741	P	P	P				W
Mahoning Co	289,487							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OHIO

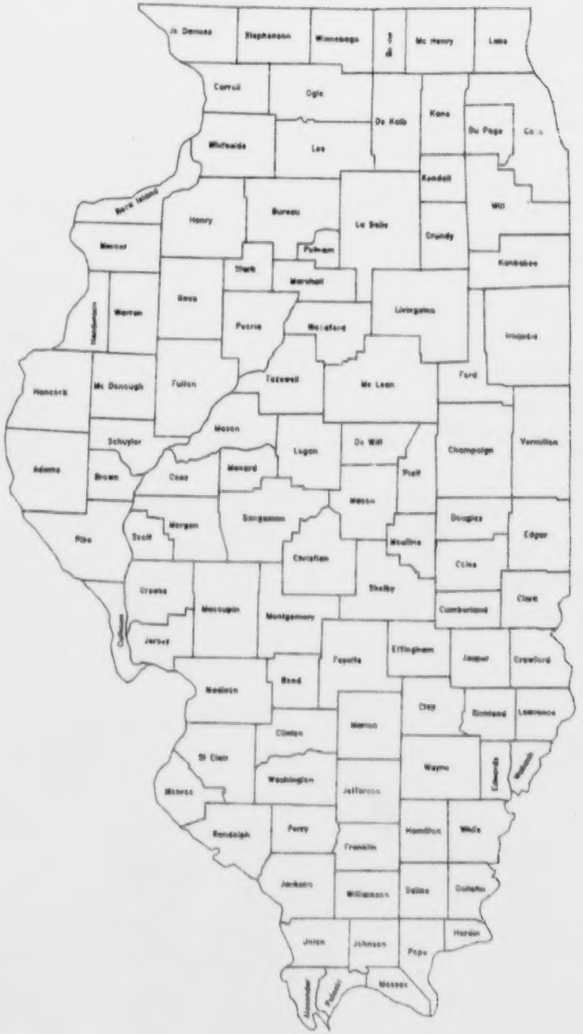
COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Medina Co	113,150		W					
Miami Co	90,381	P						W
Monroe Co	17,382	P						
Montgomery Co	571,697	P						W
Morgan Co	14,241				P			
Muskingum Co	83,340		W					
Portage Co	135,856							W
Preble Co	38,223							W
Richland Co	131,205	W						
Sandusky Co	63,267	W						
Scioto Co	84,545	P						
Seneca Co	61,901		P					
Stark Co	378,823	P						W
Summit Co	524,472	P						W
Trumbull Co	241,863	P						W
Tuscarawas Co	84,614		W					
Warren Co	99,276							W
Washington Co	64,266		W		P			
Wyandot Co	22,651		W					

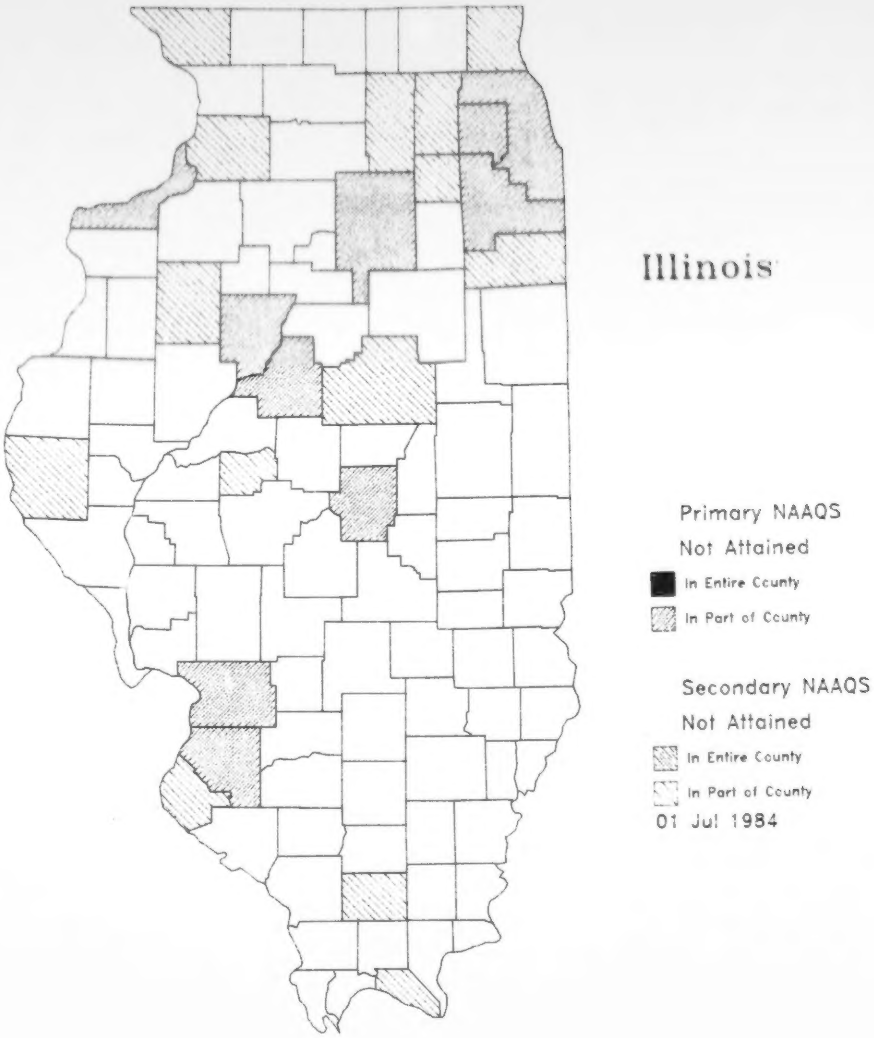
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WISCONSIN

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Brown Co	175,280		P	P				
Columbia Co	43,222	P						
Dane Co	323,545		P	P				
Douglas Co	44,421		P					
Kenosha Co	123,137		P					W
Manitowoc Co	82,918		P					
Marathon Co	111,270		P	P				
Milwaukee Co	964,988	P		P				W
Ozaukee Co	66,981							W
Racine Co	173,132		P					W
Rock Co	139,420		P					
Sheboygan Co	100,935							W
Waukesha Co	280,080	P						W
Winnebago Co	131,722		P					
Wood Co	72,799		P					

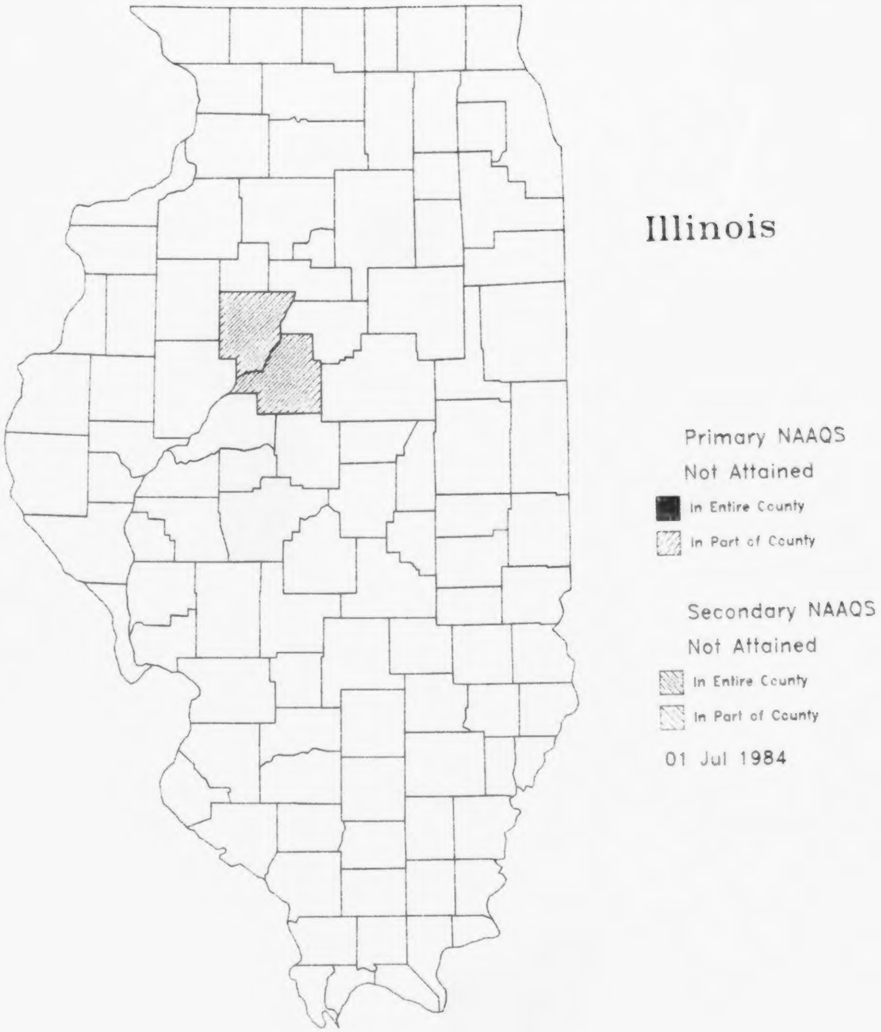
P = PART OF THE COUNTY   W = THE WHOLE COUNTY

Illinois


Kilometers
0
50
100
Jo Daviess
Stephenson
Winnebago
Boone
Mc Henry
Lake
Carroll
Ogle
De Kalb
Kane
Du Page
Cook
Whiteside
Lee
Kendall
Rock Island
Henry
Bureau
La Salle
Grundy
Will
Mercer
Putnam
Stark
Marshall
Kankakee
Henderson
Warren
Knox
Peoria
Woodford
Livingston
Iroquois
Hancock
Mc Donough
Fulton
Tazewell
Mc Lean
Ford
Mason
Schuyler
Logan
De Witt
Champaign
Vermilion
Adams
Brown
Cass
Menard
Piatt
Macon
Pike
Scott
Morgan
Sangamon
Douglas
Edgar
Moultrie
Christian
Coles
Greene
Shelby
Clark
Macoupin
Montgomery
Cumberland
Calhoun
Jersey
Fayette
Effingham
Jasper
Crawford
Bond
Madison
Clay
Richland
Lawrence
Clinton
Marion
St Clair
Wayne
Edwards
Wabash
Washington
Jefferson
Monroe
Perry
Hamilton
White
Randolph
Franklin
Jackson
Williamson
Saline
Gallatin
Union
Johnson
Pope
Hardin
Alexander
Pulaski
Massac


Illinois
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984


Illinois
Primary NAAQS
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▇ In Entire County
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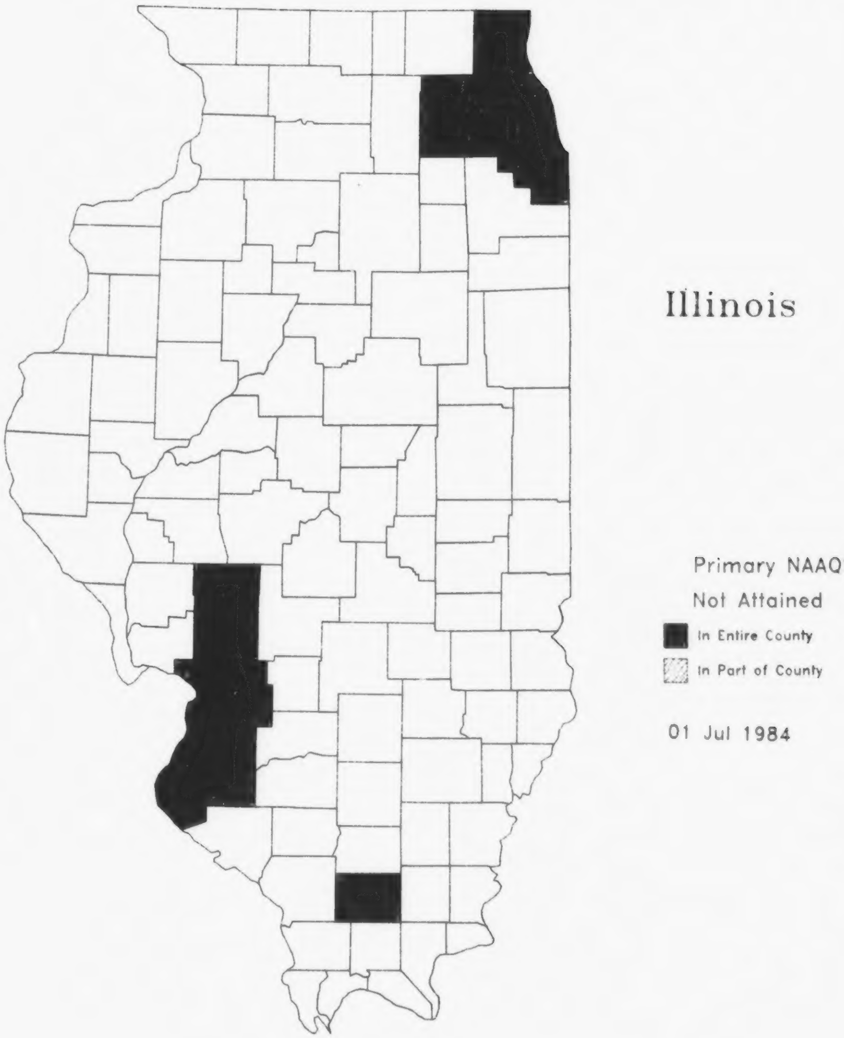
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties -- 1984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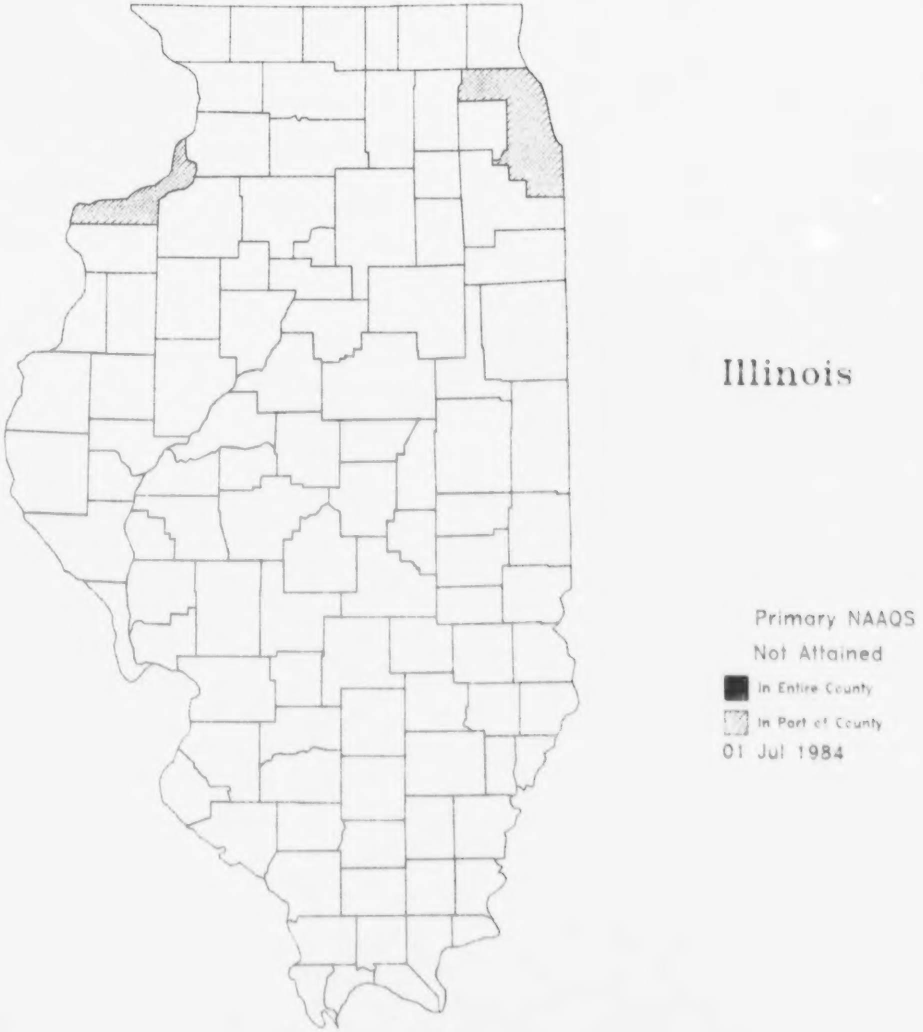
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984


Illinois
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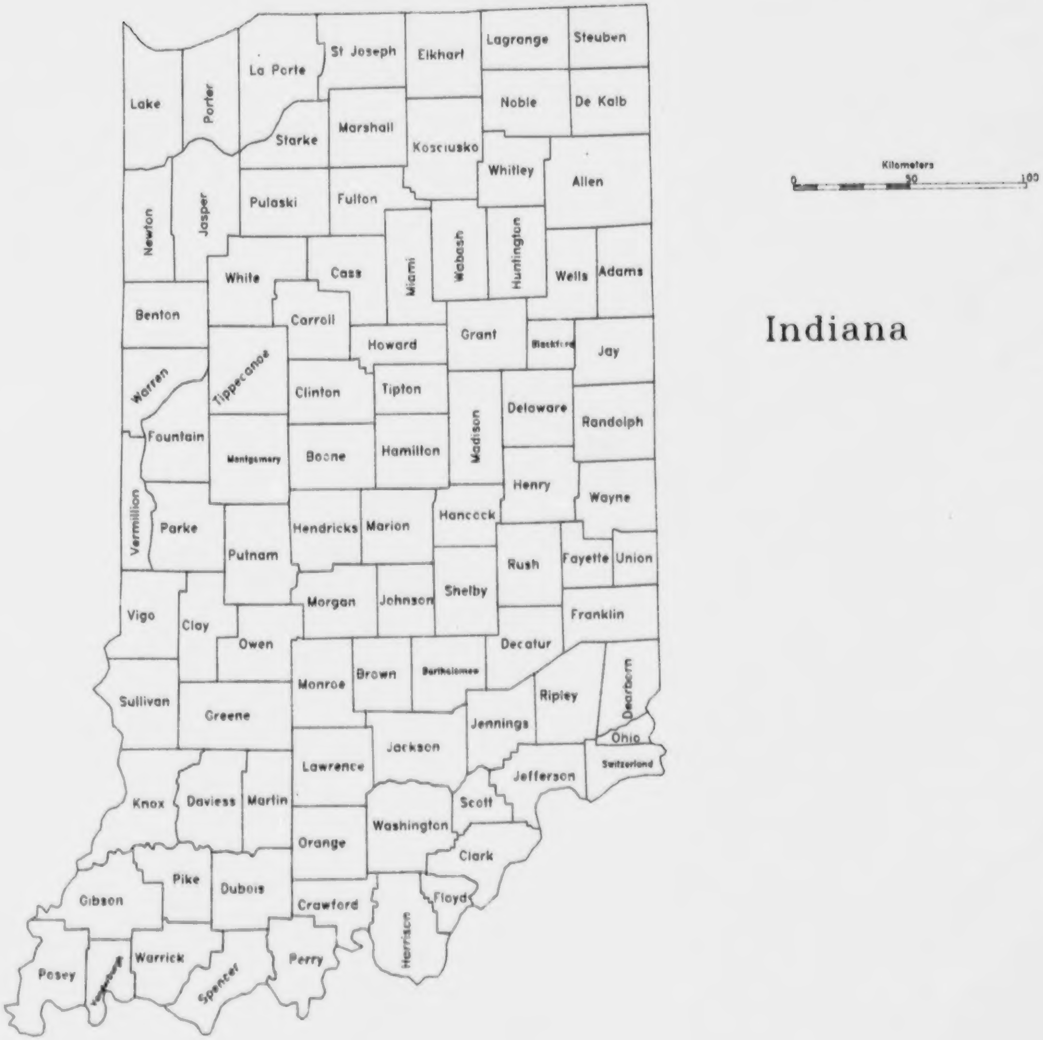
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Indiana


Kilometers
0
50
100
Lake
Porter
La Porte
St Joseph
Elkhart
Lagrange
Steuben
Noble
De Kalb
Starke
Marshall
Kosciusko
Whitley
Allen
Newton
Jasper
Pulaski
Fulton
Miami
Wabash
Huntington
Wells
Adams
White
Cass
Benton
Carroll
Howard
Grant
Blackford
Jay
Warren
Tippecanoe
Clinton
Tipton
Madison
Delaware
Randolph
Fountain
Montgomery
Boone
Hamilton
Henry
Wayne
Vermillion
Parke
Putnam
Hendricks
Marion
Hancock
Rush
Fayette
Union
Vigo
Clay
Owen
Morgan
Johnson
Shelby
Decatur
Franklin
Sullivan
Greene
Monroe
Brown
Bartholomew
Jennings
Ripley
Dearborn
Ohio
Switzerland
Lawrence
Jackson
Jefferson
Knox
Daviess
Martin
Orange
Washington
Scott
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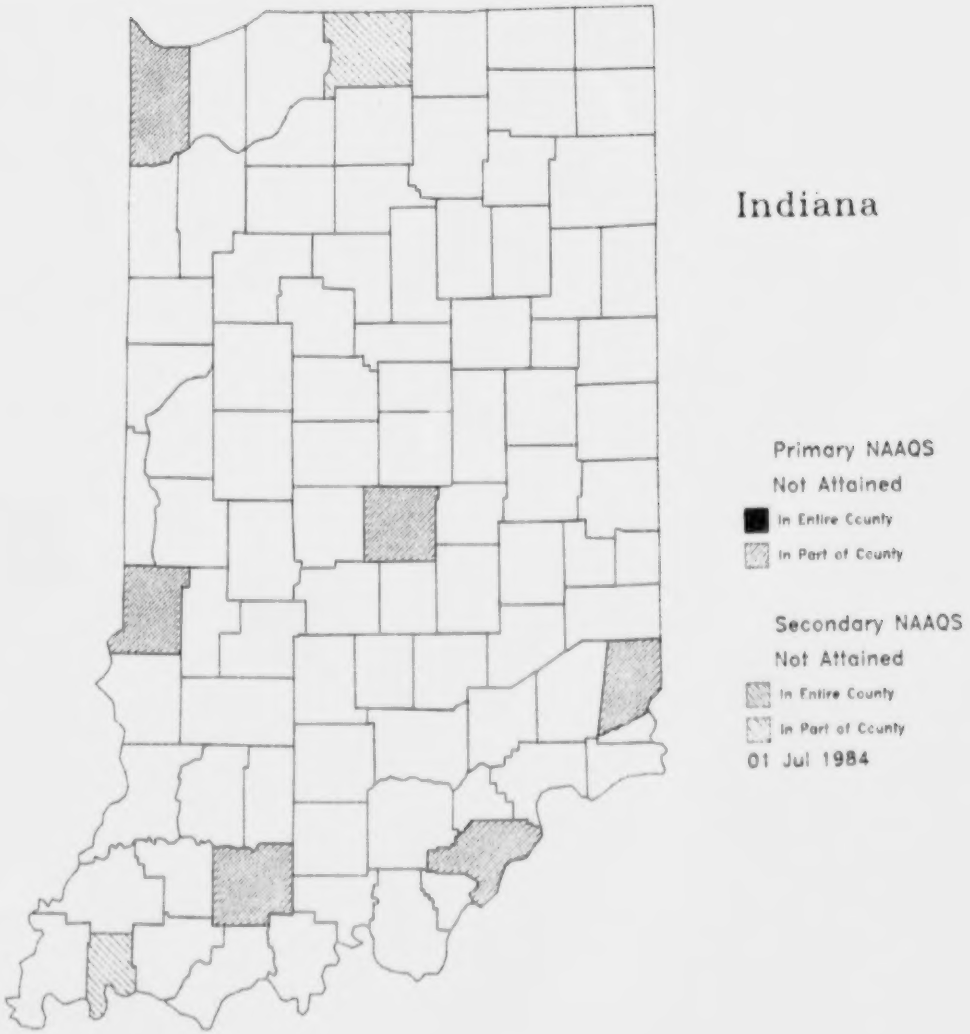
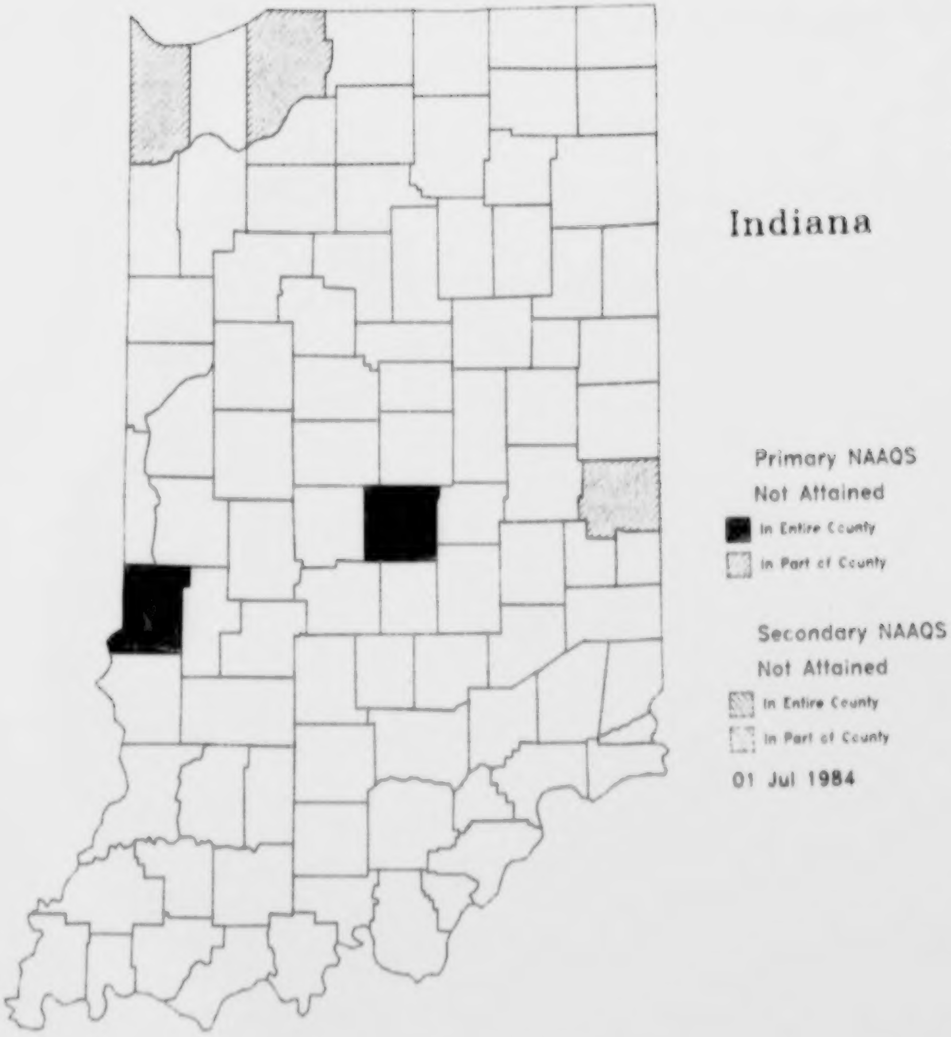
Gibson
Pike
Dubois
Crawford
Floyd
Harrison
Posey
Vanderburgh
Warrick
Spencer
Perry


Indiana
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984


Indiana
Primary NAAQS
Not Attained
■ In Entire County
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Secondary NAAQS
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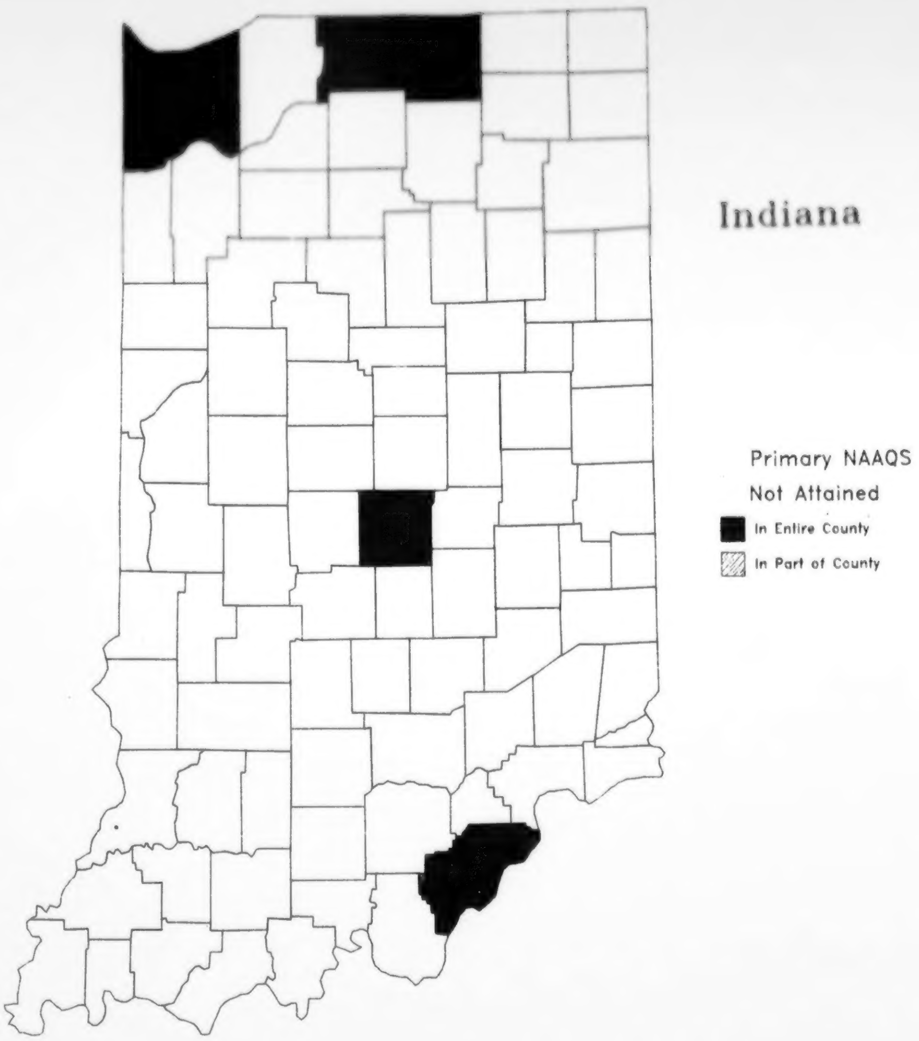
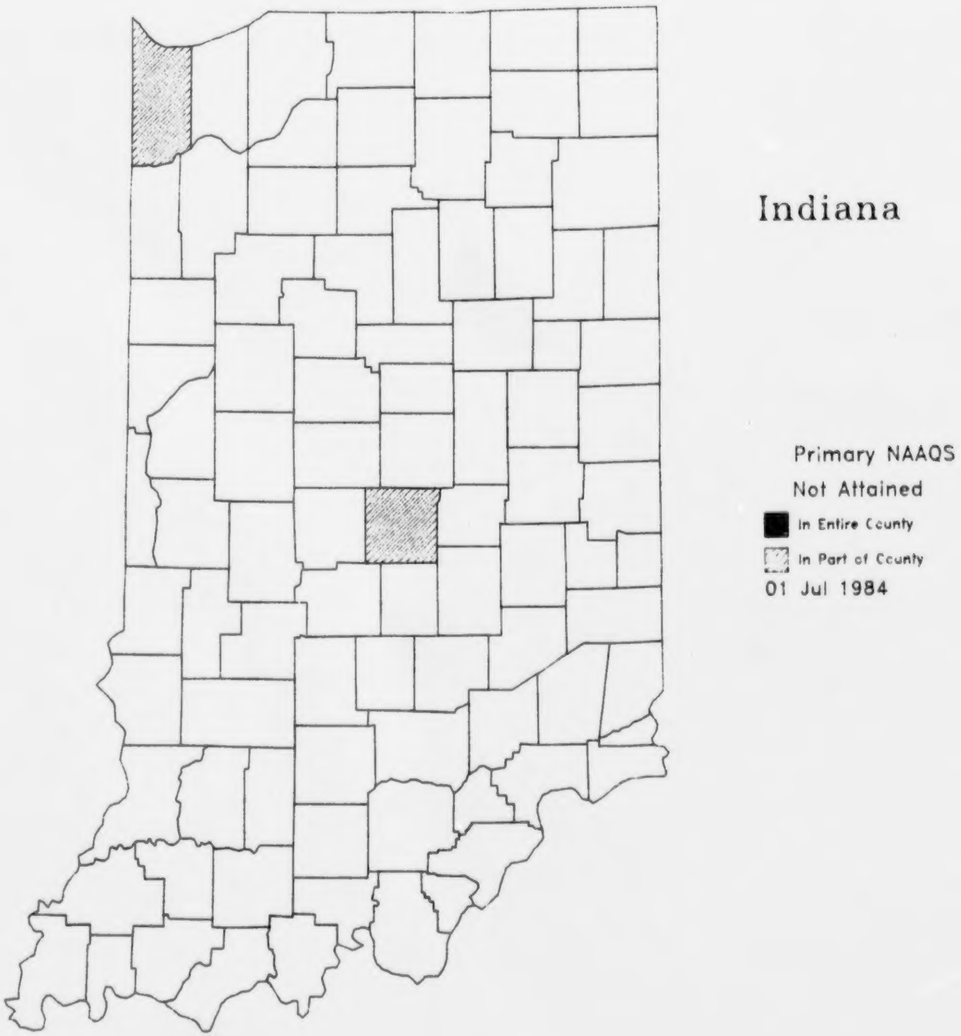
▨ In Entire County
▨ In Part of County
01 Jul 1984

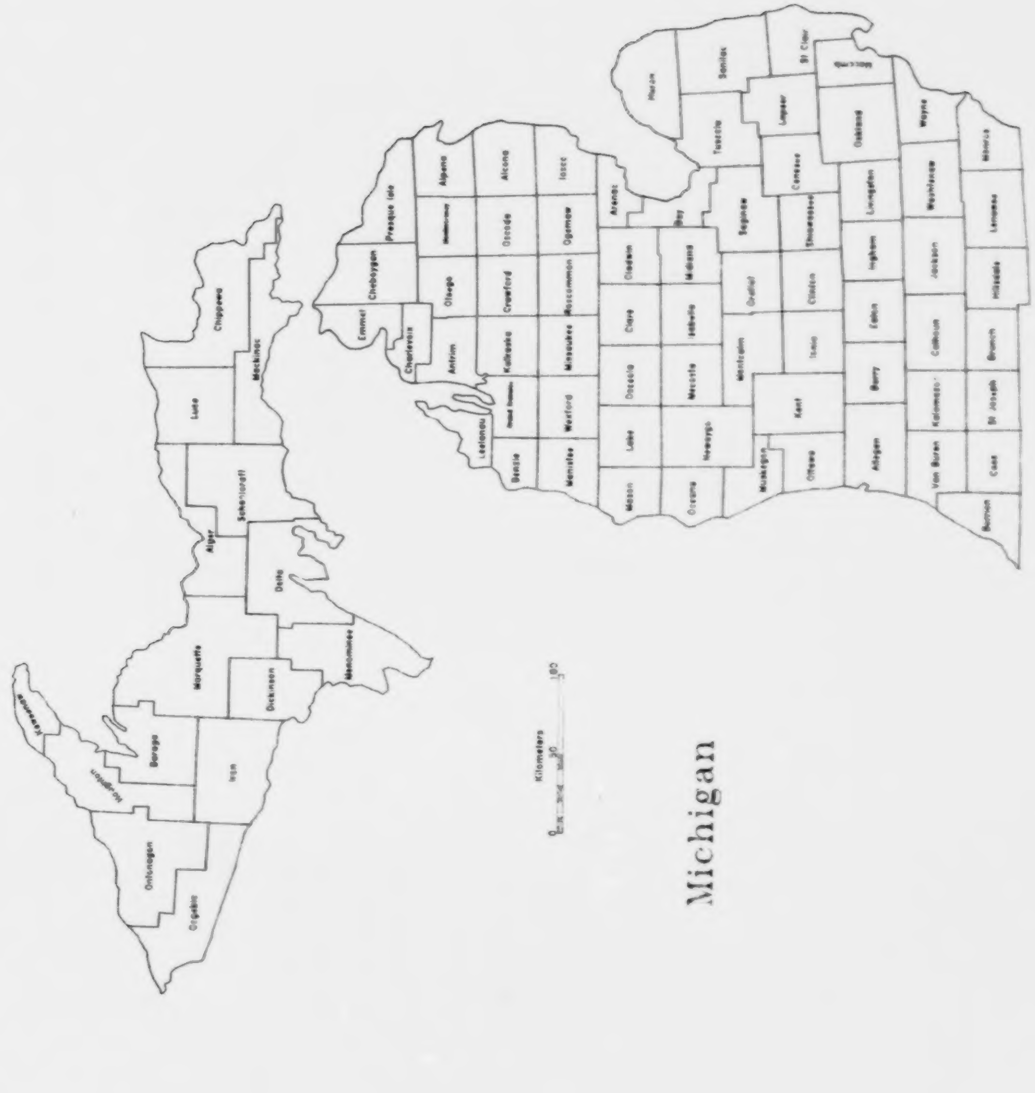
Promulgated List of SO2 Non--Attaining Counties - 1984


Indiana
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County

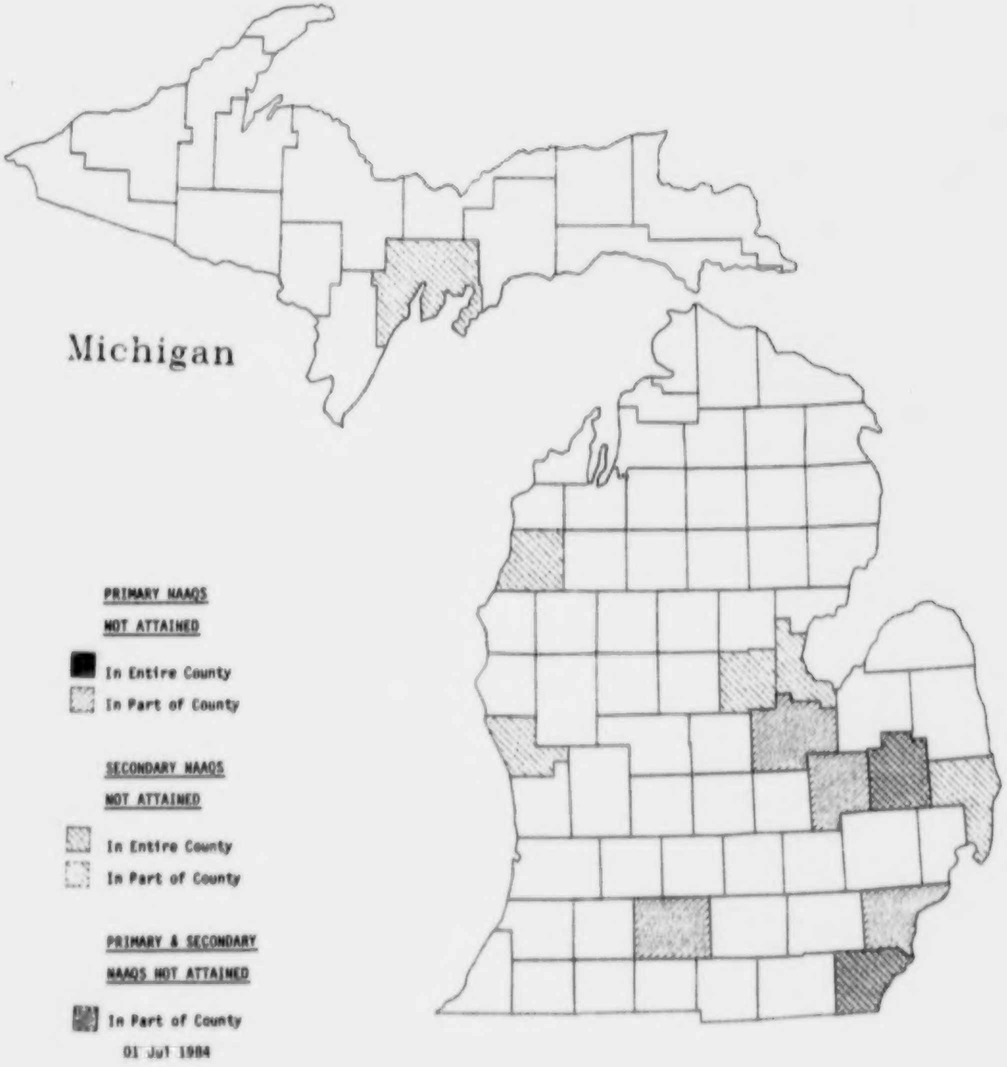
Promulgated List of 03 Non-Attaining Counties - 1984


Indiana
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

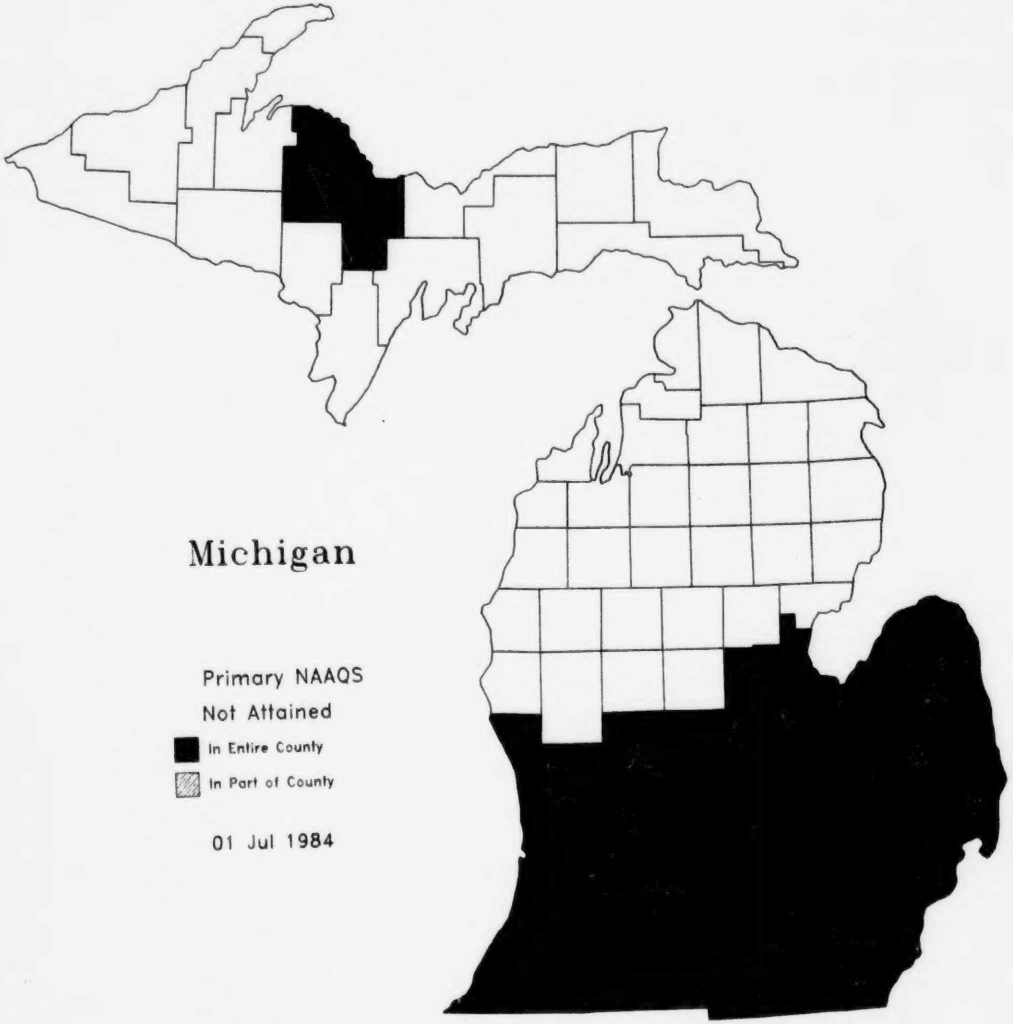
Promulgated List of CO Non-Attaining Counties - 1984


Keweenaw
Houghton
Ontonagon
Gogebic
Baraga
Iron
Marquette
Dickinson
Menominee
Delta
Alger
Schoolcraft
Luce
Mackinac
Chippewa
Emmet
Cheboygan
Presque Isle
Charlevoix
Otsego
Montmorency
Alpena
Antrim
Crawford
Oscoda
Alcona
Leelanau
Grand Traverse
Kalkaska
Roscommon
Ogemaw
Iosco
Benzie
Wexford
Missaukee
Arenac
Manistee
Lake
Osceola
Clare
Gladwin
Bay
Huron
Mason
Oceana
Newaygo
Mecosta
Isabella
Midland
Saginaw
Tuscola
Sanilac
Muskegon
Montcalm
Gratiot
Lapeer
St Clair
Ottawa
Kent
Ionia
Clinton
Shiawassee
Genesee
Macomb
Oakland
Allegan
Barry
Eaton
Ingham
Livingston
Van Buren
Kalamazoo
Calhoun
Jackson
Washtenaw
Wayne
Berrien
Cass
St Joseph
Branch
Hillsdale
Lenawee
Monroe
Kilometers
0
50
100

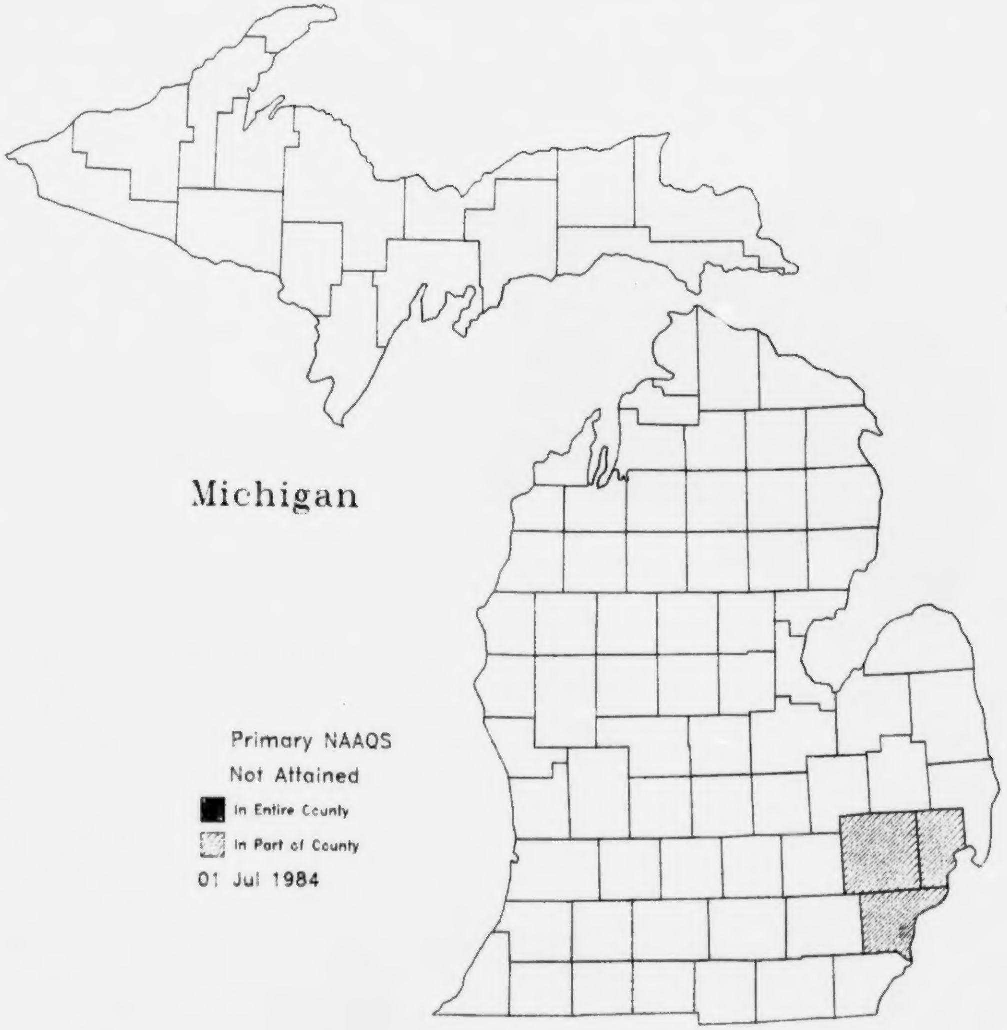
Michigan


Michigan
PRIMARY NAAQS
NOT ATTAINED
■ In Entire County
▨ In Part of County
SECONDARY NAAQS
NOT ATTAINED
▨ In Entire County
▨ In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
▨ In Part of County
01 Jul 1984

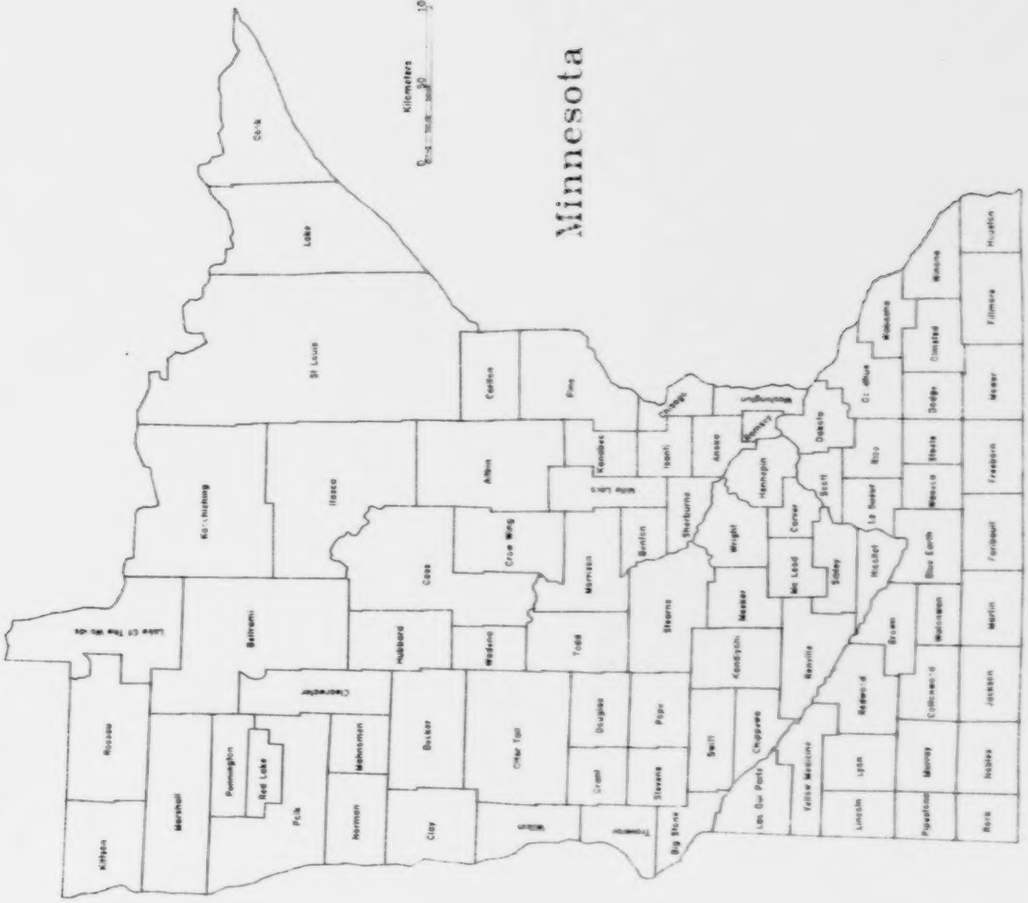
Promulgated List of TSP Non-Attaining Counties - 1984

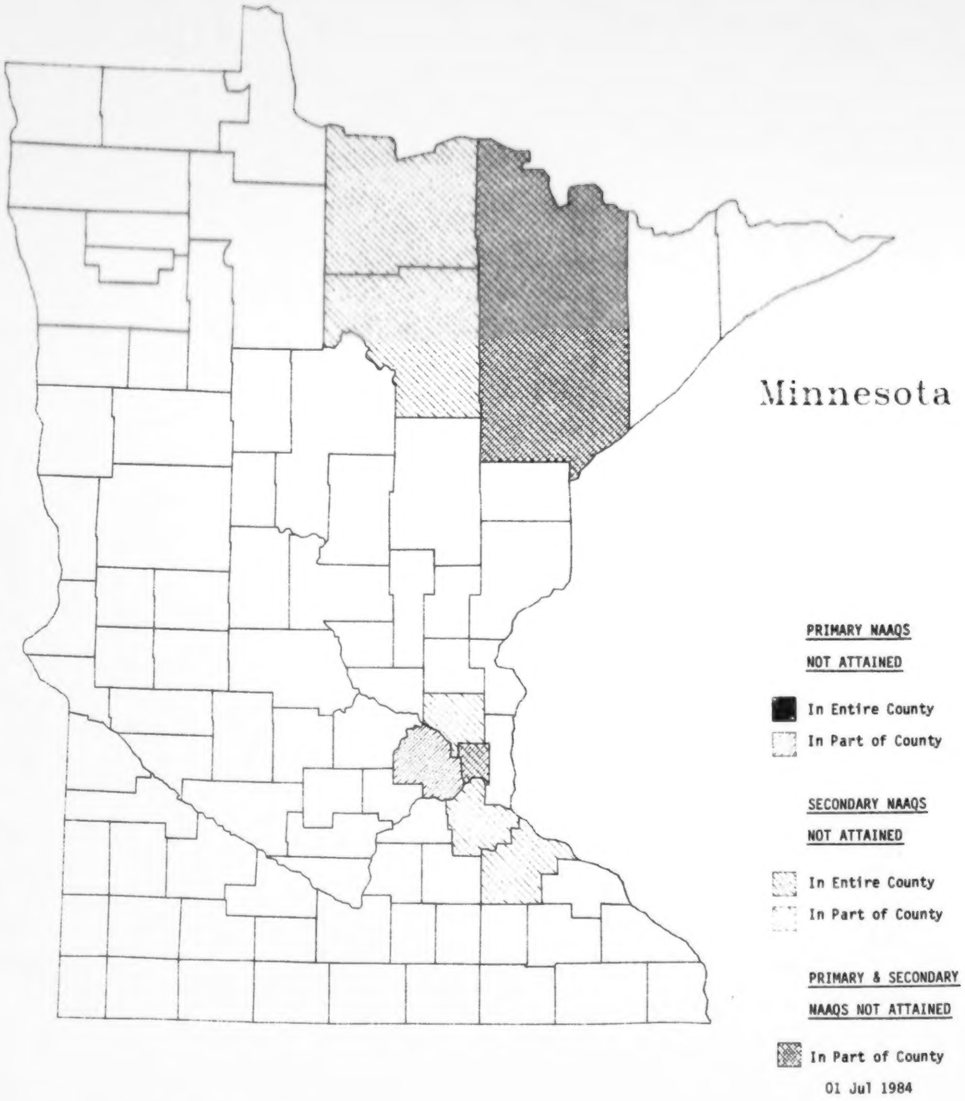

Michigan
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984

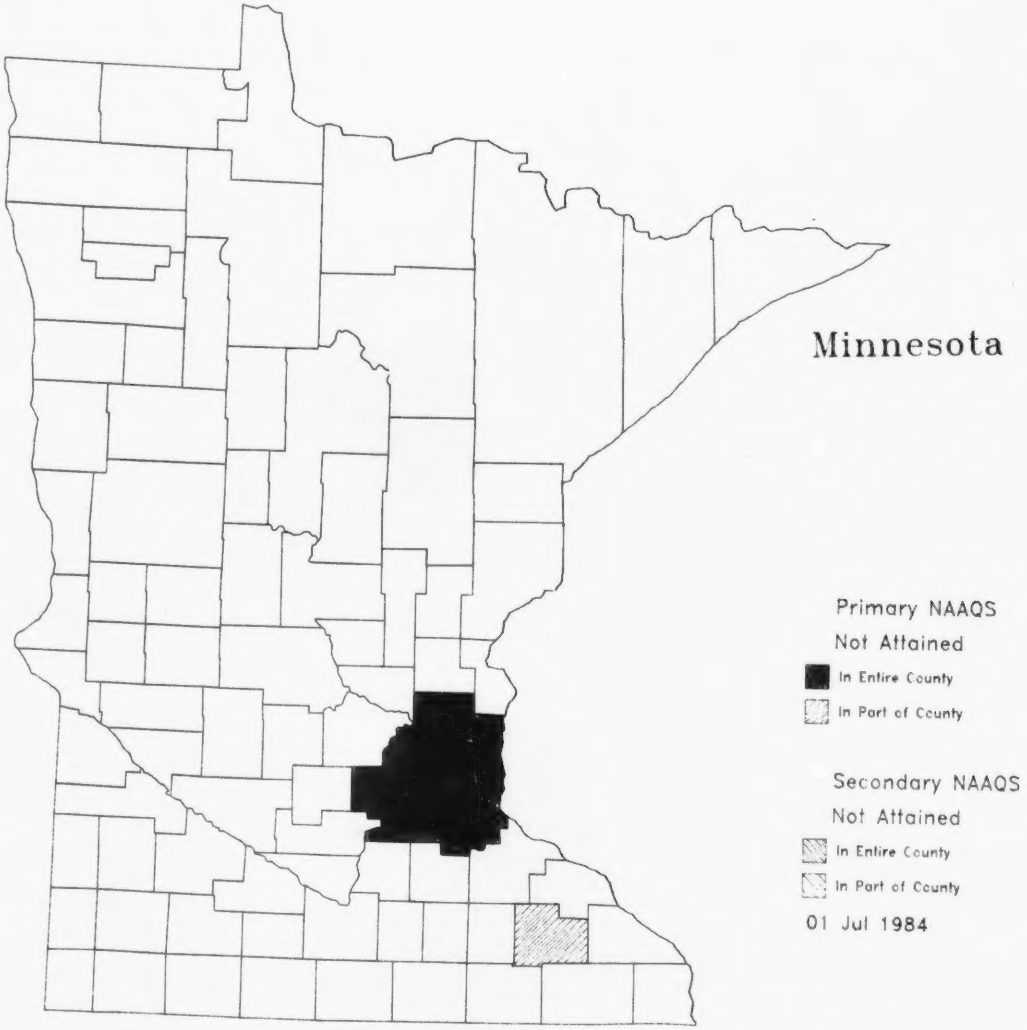

Michigan
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

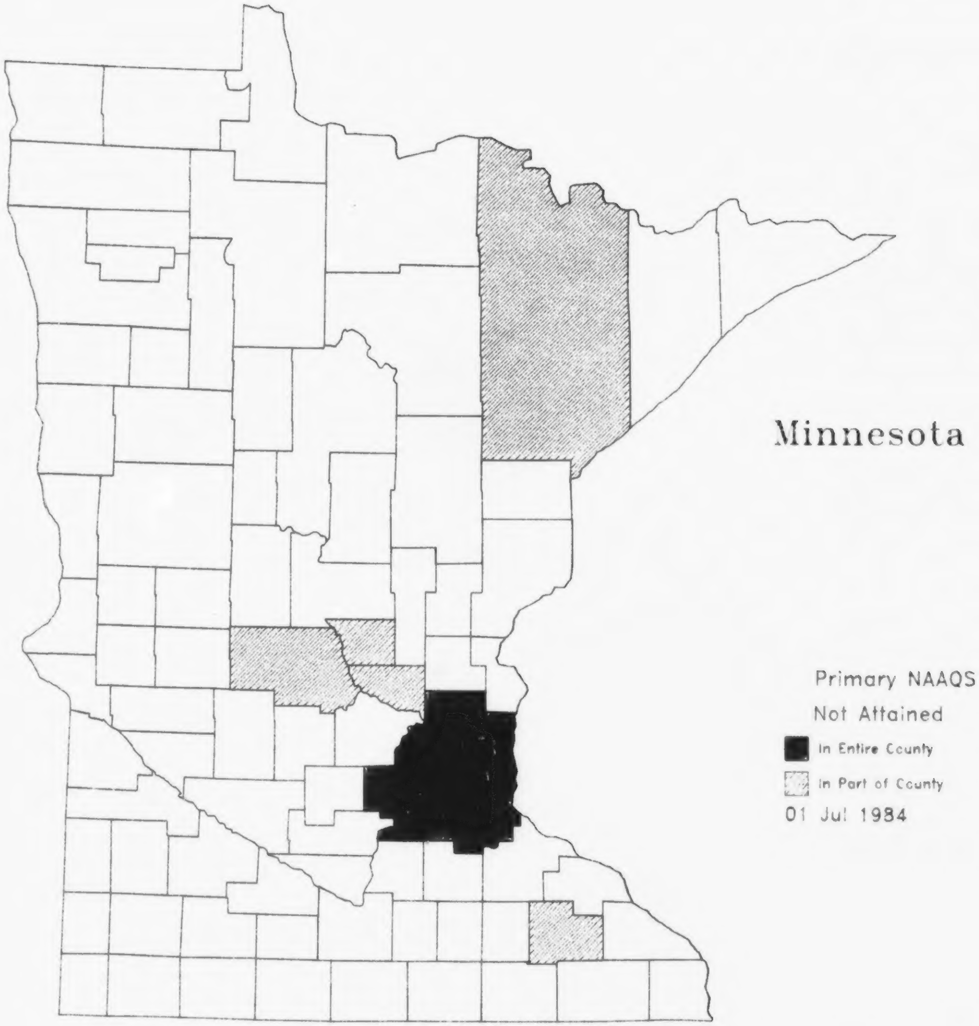

Minnesota
Kilometers
0
50
100
Cook
Lake
St Louis
Carlton
Pine
Chisago
Washington
Ramsey
Dakota
Goodhue
Wabasha
Winona
Houston
Fillmore
Olmsted
Dodge
Mower
Steele
Rice
Freeborn
Waseca
Le Sueur
Scott
Hennepin
Anoka
Isanti
Kanabec
Mille Lacs
Aitkin
Itasca
Koochiching
Lake Of The Woods
Beltrami
Cass
Crow Wing
Morrison
Benton
Sherburne
Wright
Carver
Mc Leod
Sibley
Nicollet
Blue Earth
Faribault
Martin
Watonwan
Brown
Cottonwood
Jackson
Nobles
Murray
Redwood
Renville
Meeker
Kandiyohi
Stearns
Todd
Wadena
Hubbard
Clearwater
Roseau
Kittson
Marshall
Pennington
Red Lake
Polk
Mahnomen
Norman
Becker
Clay
Otter Tail
Wilkin
Grant
Douglas
Pope
Stevens
Traverse
Big Stone
Swift
Chippewa
Lac Qui Parle
Yellow Medicine
Lincoln
Lyon
Pipestone
Rock


Minnesota
PRIMARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

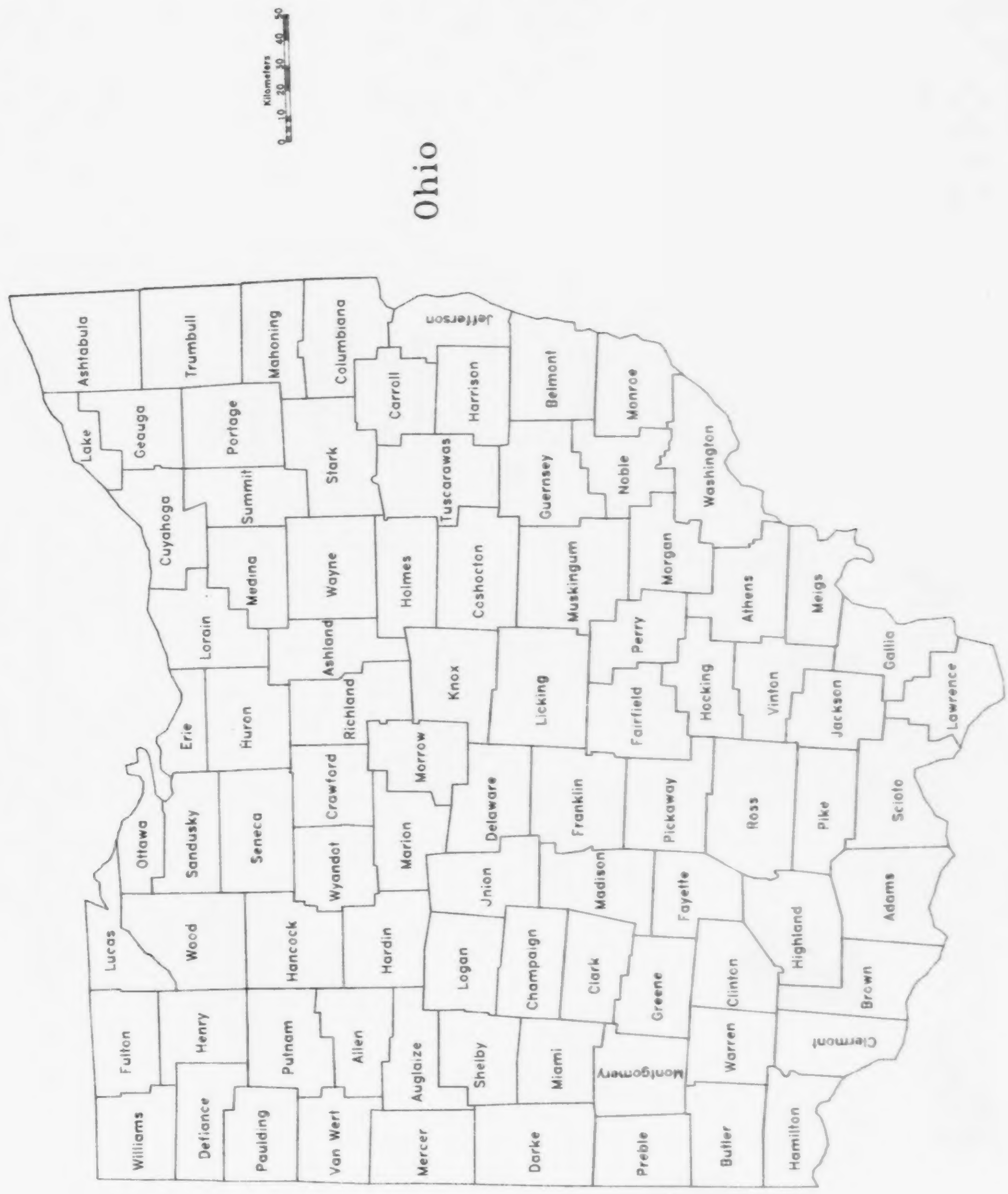
Promulgated List of TSP Non-Attaining Counties - 1984

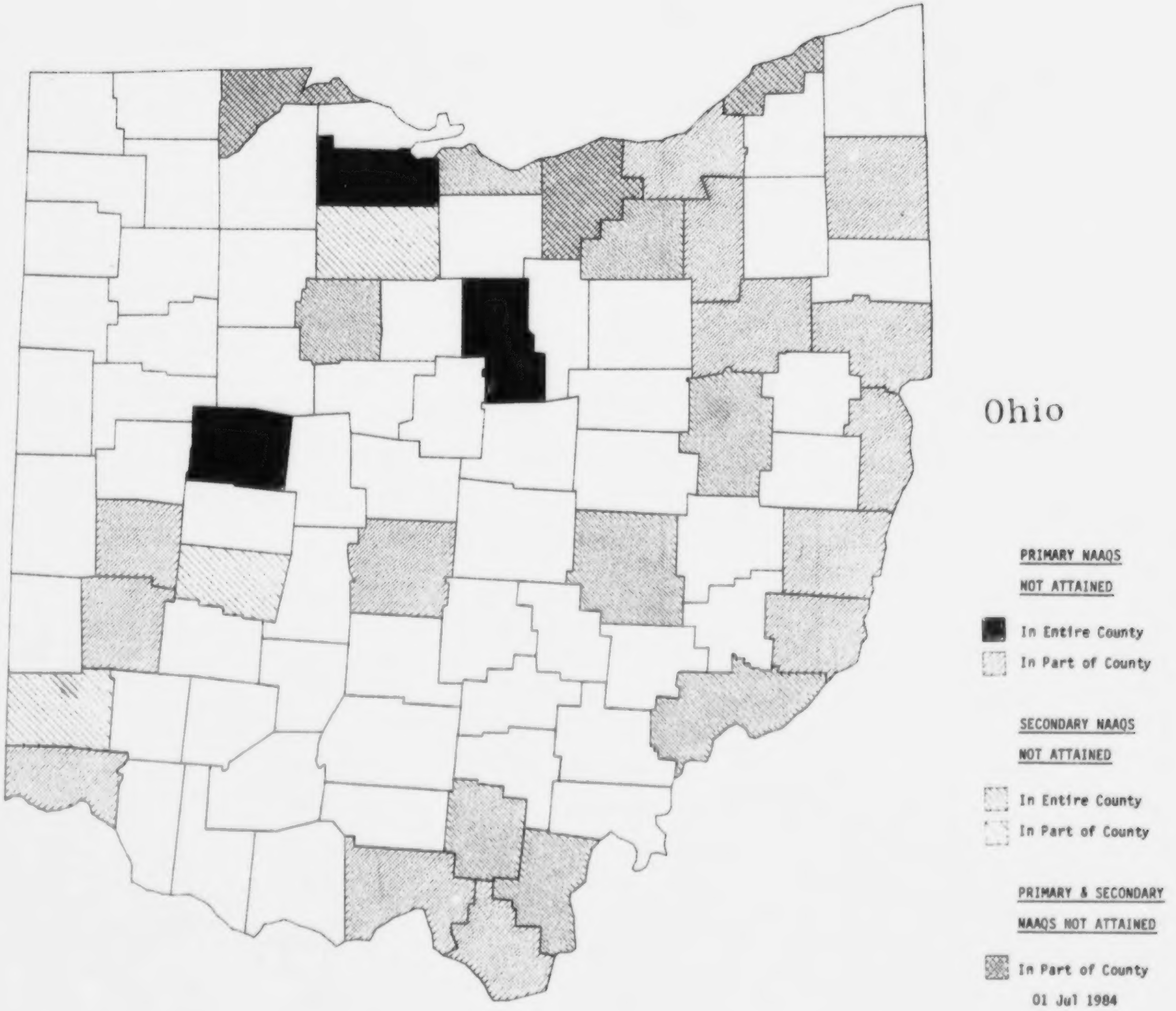

Minnesota
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984

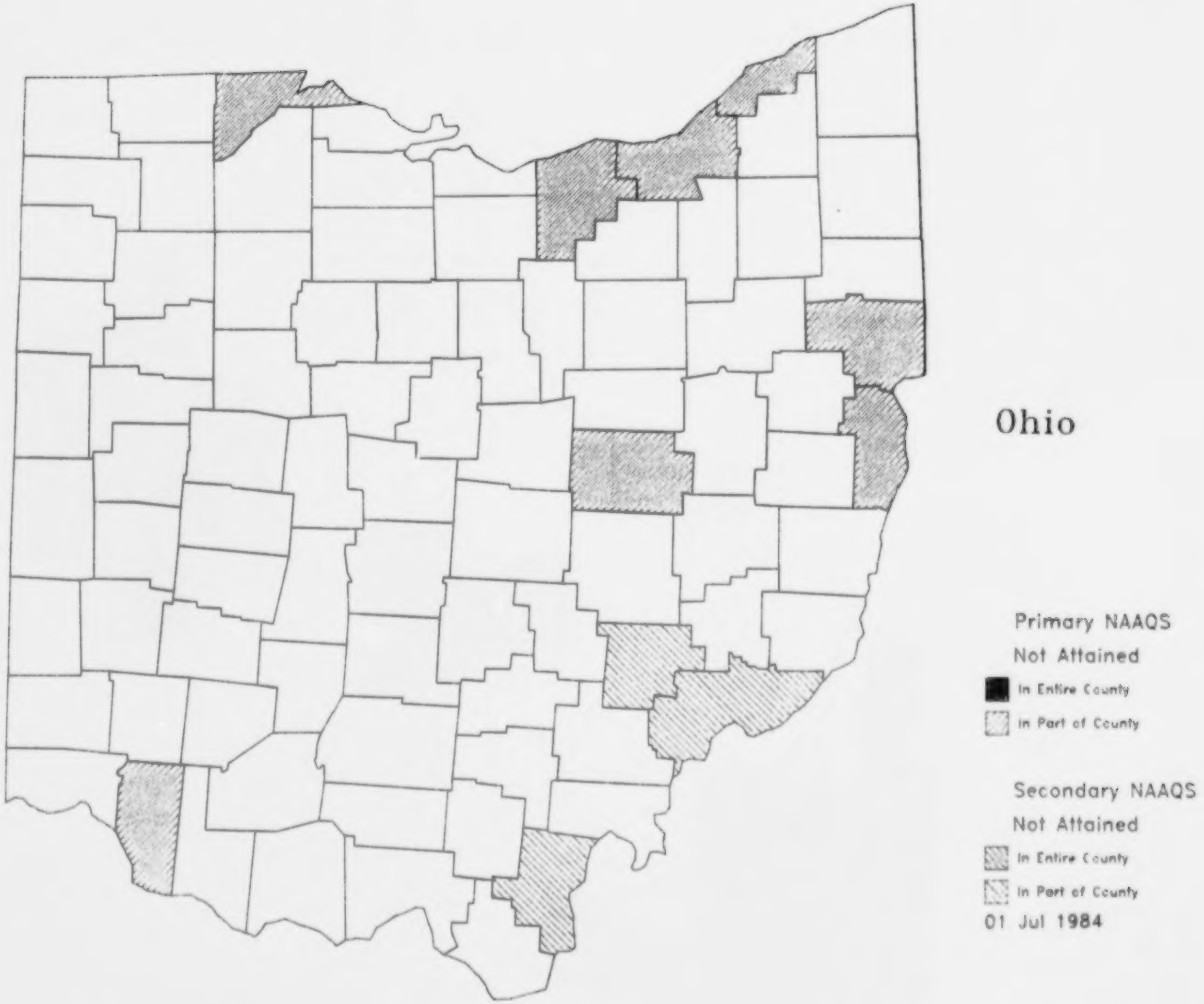

Minnesota
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

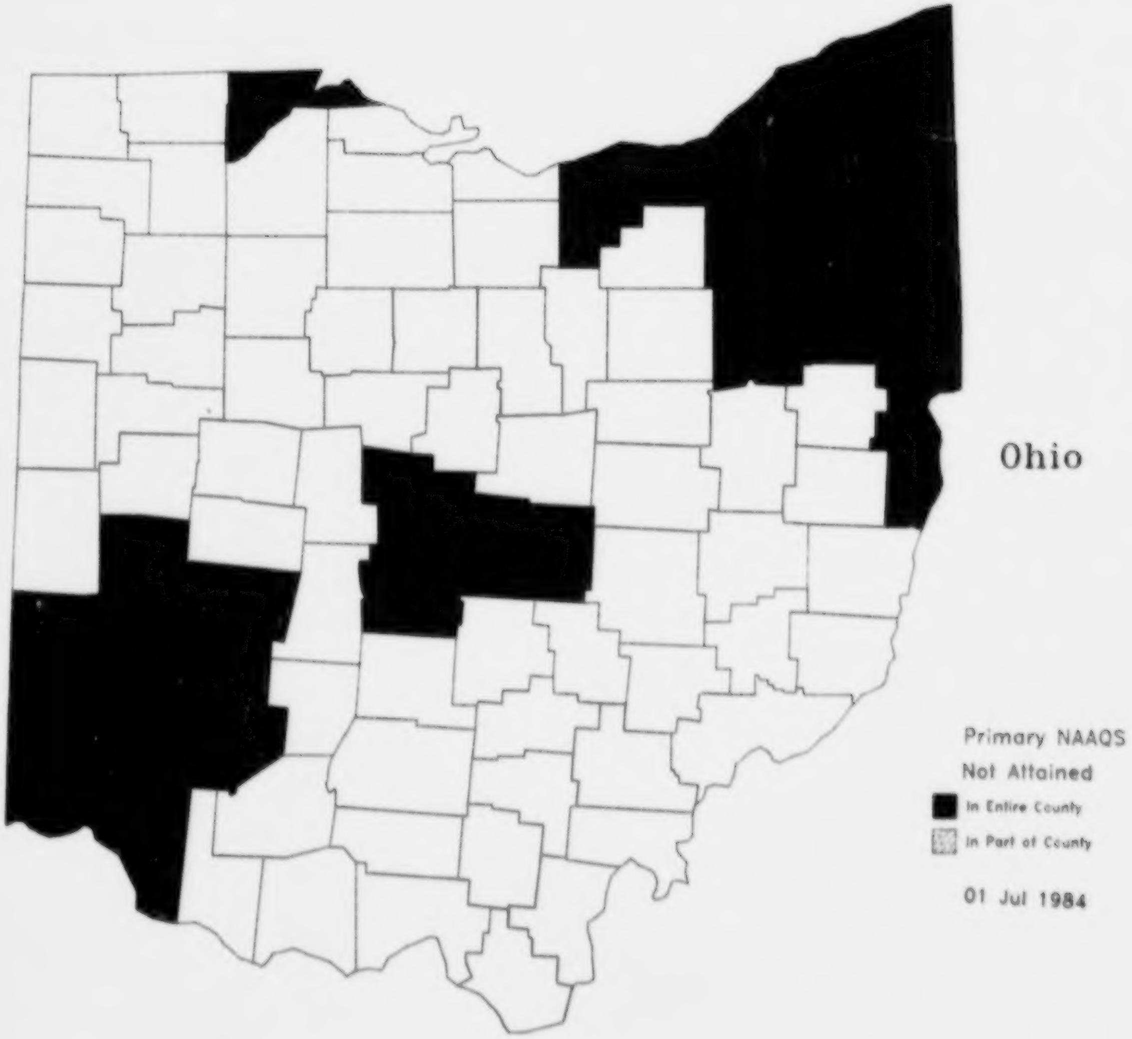

Ohio
Kilometers
0 10 20 30 40 50
Ashtabula
Trumbull
Mahoning
Columbiana
Jefferson
Lake
Geauga
Portage
Carroll
Harrison
Belmont
Monroe
Cuyahoga
Summit
Stark
Tuscarawas
Guernsey
Noble
Washington
Lorain
Medina
Wayne
Holmes
Coshocton
Muskingum
Morgan
Athens
Meigs
Ashland
Knox
Licking
Perry
Hocking
Vinton
Gallia
Erie
Huron
Richland
Fairfield
Jackson
Lawrence
Crawford
Morrow
Ottawa
Sandusky
Seneca
Wyandot
Marion
Delaware
Franklin
Pickaway
Ross
Pike
Scioto
Union
Madison
Fayette
Highland
Adams
Lucas
Wood
Hancock
Hardin
Logan
Champaign
Clark
Greene
Clinton
Brown
Fulton
Henry
Putnam
Allen
Auglaize
Shelby
Miami
Montgomery
Warren
Clermont
Williams
Defiance
Paulding
Van Wert
Mercer
Darke
Preble
Butler
Hamilton


Ohio
PRIMARY NAAQS
NOT ATTAINED
■ In Entire County
▨ In Part of County
SECONDARY NAAQS
NOT ATTAINED
▨ In Entire County
▨ In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
▩ In Part of County
01 Jul 1984

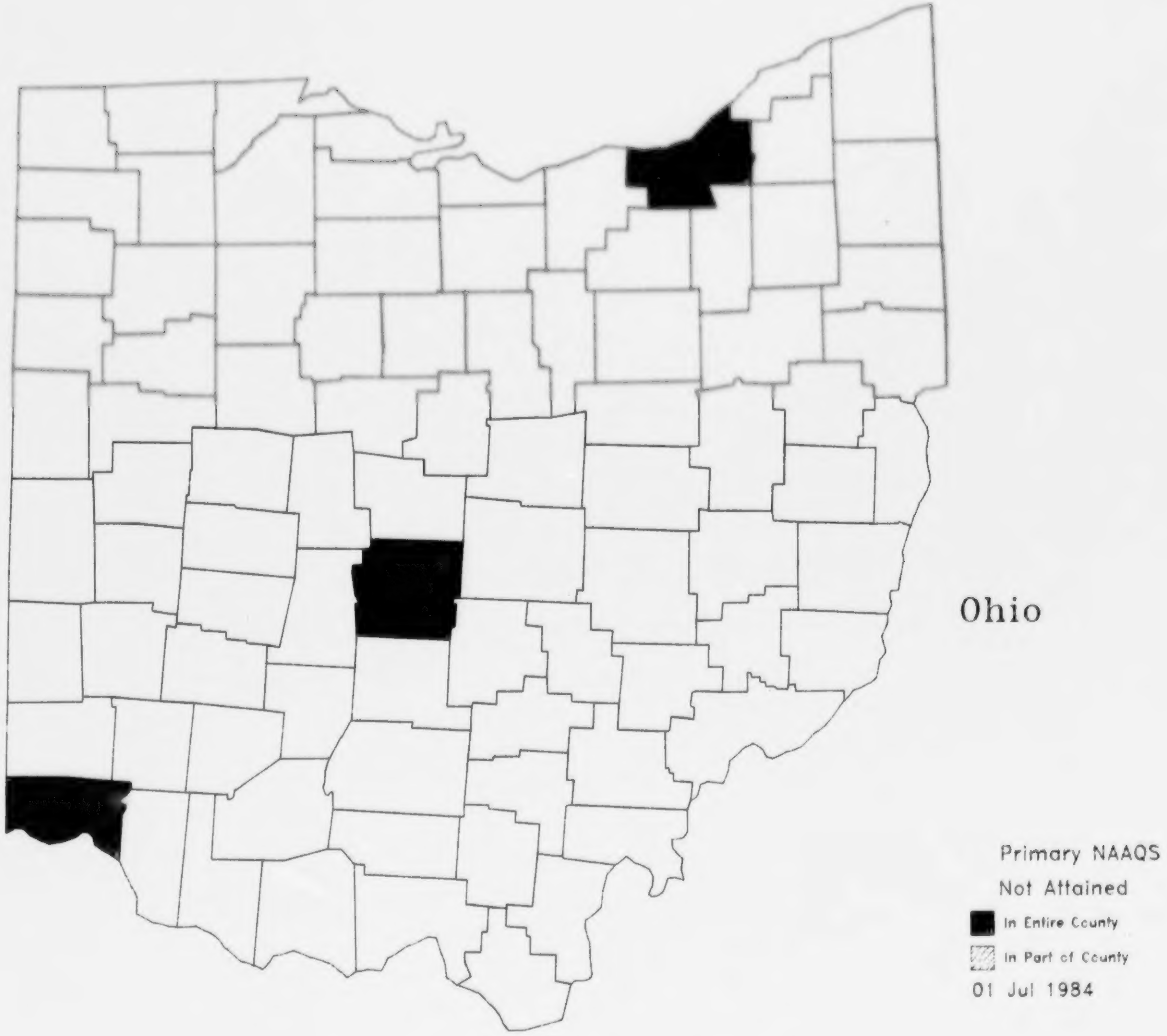
Promulgated List of TSP Non-Attaining Counties - 1984


Ohio
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984

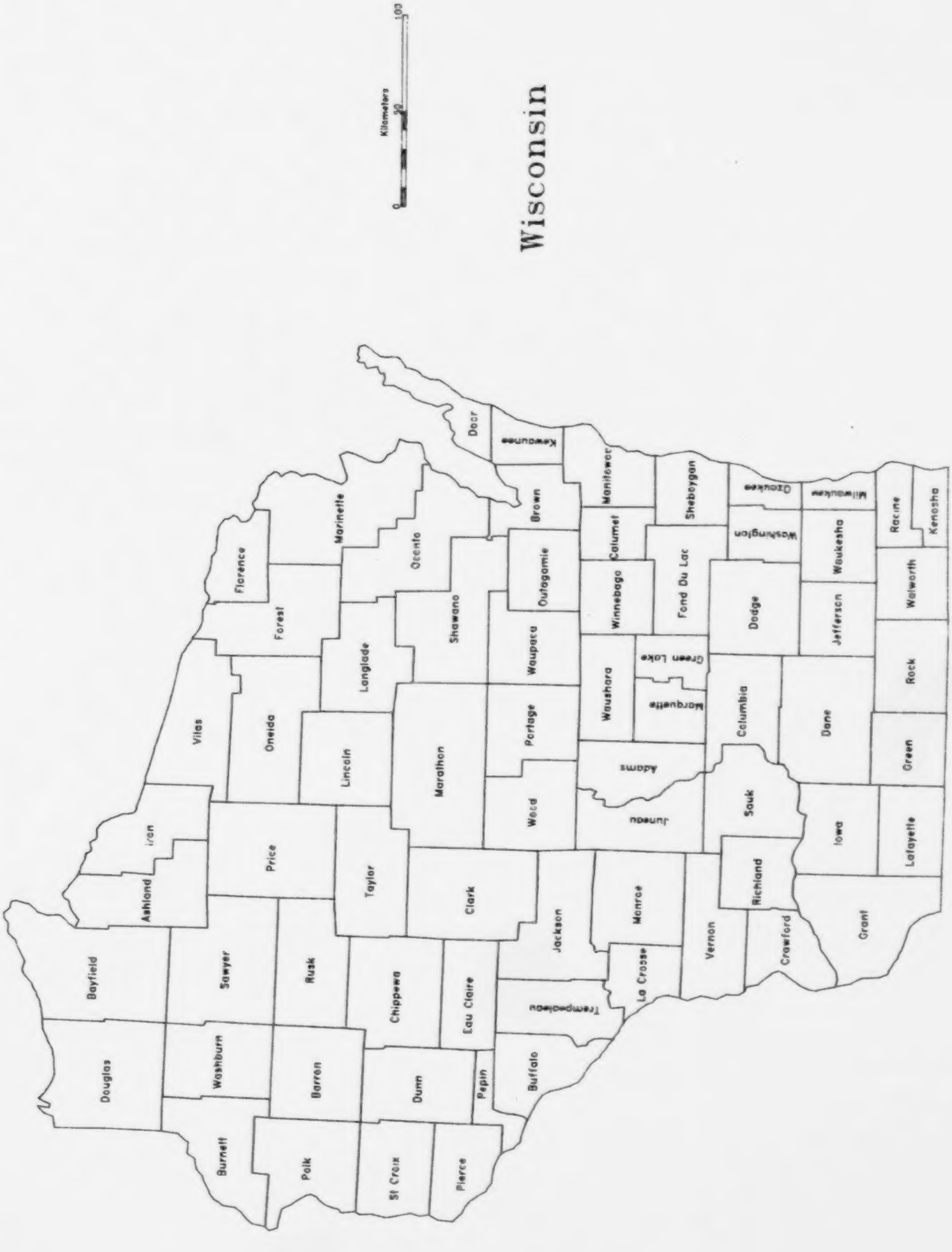

Ohio
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

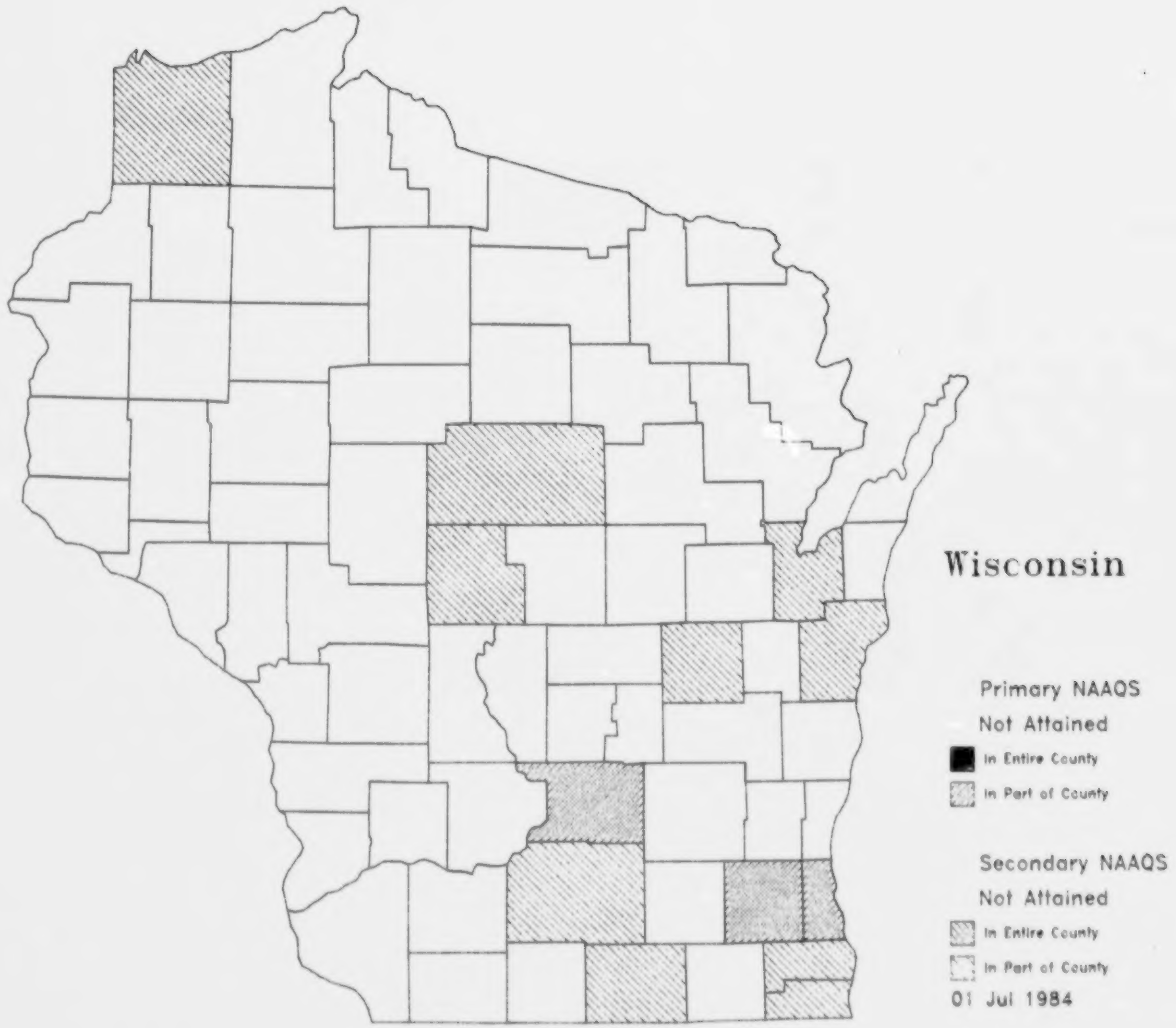
Promulgated List of 03 Non-Attaining Counties - 1984


Ohio
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

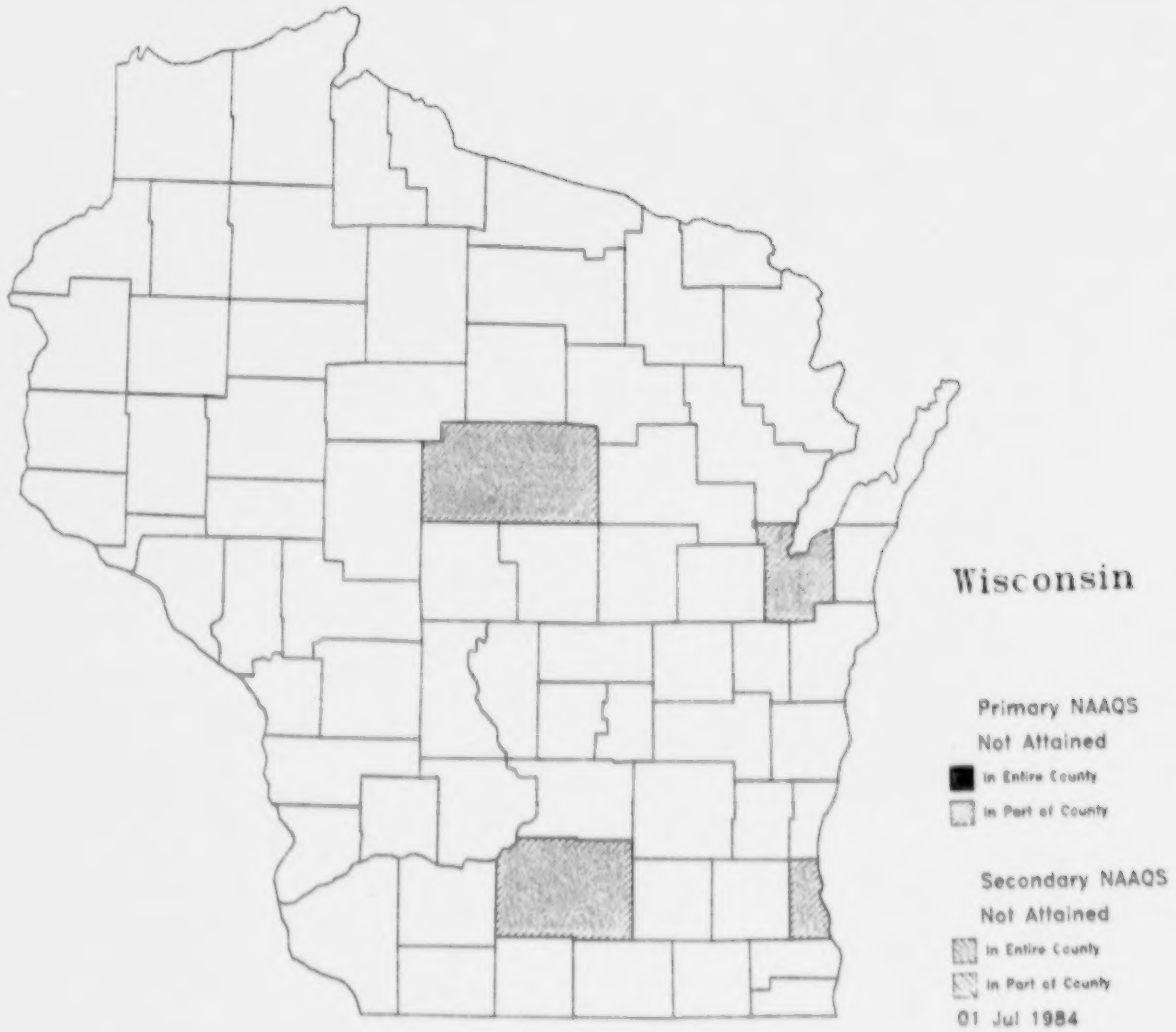
Promulgated List of CO Non-Attaining Counties – 1984

Wisconsin

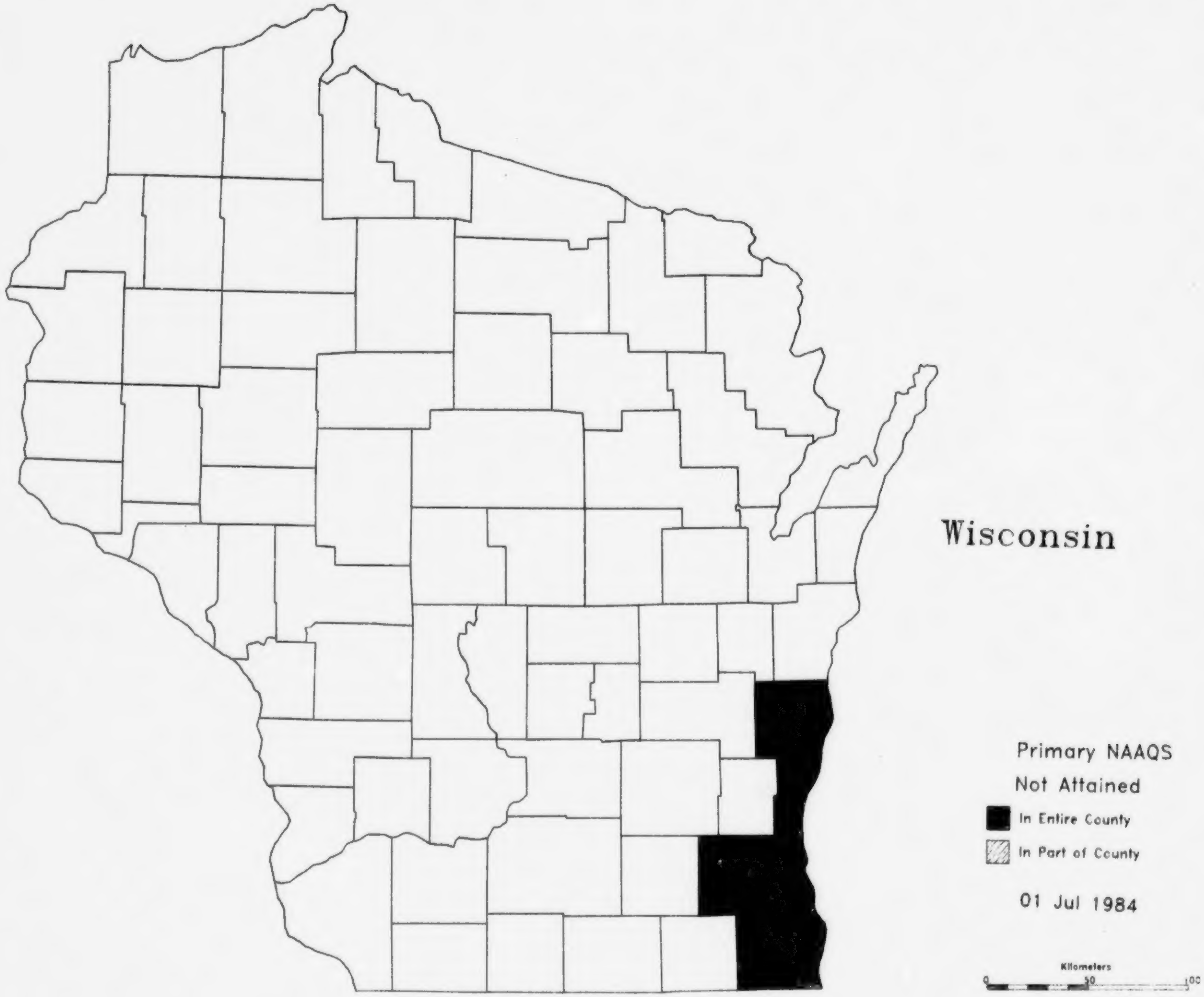

Kilometers
0
50
100
Douglas
Bayfield
Ashland
Iron
Vilas
Florence
Marinette
Forest
Oneida
Price
Sawyer
Washburn
Burnett
Polk
Barron
Rusk
Taylor
Lincoln
Langlade
Oconto
Door
Kewaunee
Brown
Shawano
Marathon
Clark
Chippewa
Eau Claire
Dunn
St Croix
Pierce
Pepin
Buffalo
Trempealeau
Jackson
Wood
Portage
Waupaca
Outagamie
Manitowoc
Calumet
Winnebago
Waushara
Green Lake
Marquette
Adams
Juneau
Monroe
La Crosse
Vernon
Crawford
Richland
Sauk
Columbia
Fond Du Lac
Sheboygan
Ozaukee
Washington
Dodge
Jefferson
Waukesha
Milwaukee
Racine
Kenosha
Walworth
Rock
Dane
Green
Iowa
Lafayette
Grant


Wisconsin
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984


Wisconsin
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties – 1984


Wisconsin
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984
Kilometers
0
50
100

Promulgated List of 03 Non-Attaining Counties - 1984

Region VI

Arkansas, Louisiana, New Mexico, Oklahoma, Texas

Air Programs Branch
EPA Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
(214) 767-2746
FTS: 729-2746

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ARKANSAS

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Pulaski Co	340,613							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR LOUISIANA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Ascension Par	50,066							W
Beauregard Par	29,692							W
Bossier Par	80,721							W
Caddo Par	252,358							W
Calcasieu Par	167,223							W
East Baton Rouge Par	366,191							W
Grant Par	16,703							W
Iberville Par	32,159							W
Jefferson Par	454,592							W
Lafayette Par	150,017							W
Lafourche Par	82,483							W
Orleans Par	557,927							W
Pointe Coupee Par	24,045							W
St Bernard Par	64,097							W
St Charles Par	37,259							W
St James Par	21,495							W
St John The Baptist Par	31,924							W
St Mary Par	64,253							W
West Baton Rouge Par	19,086							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEW MEXICO

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Bernalillo Co	419,700	P				W		
Eddy Co	47,855		P					
Grant Co	26,204	P		P	P			
Lea Co	55,993		P					

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OKLAHOMA

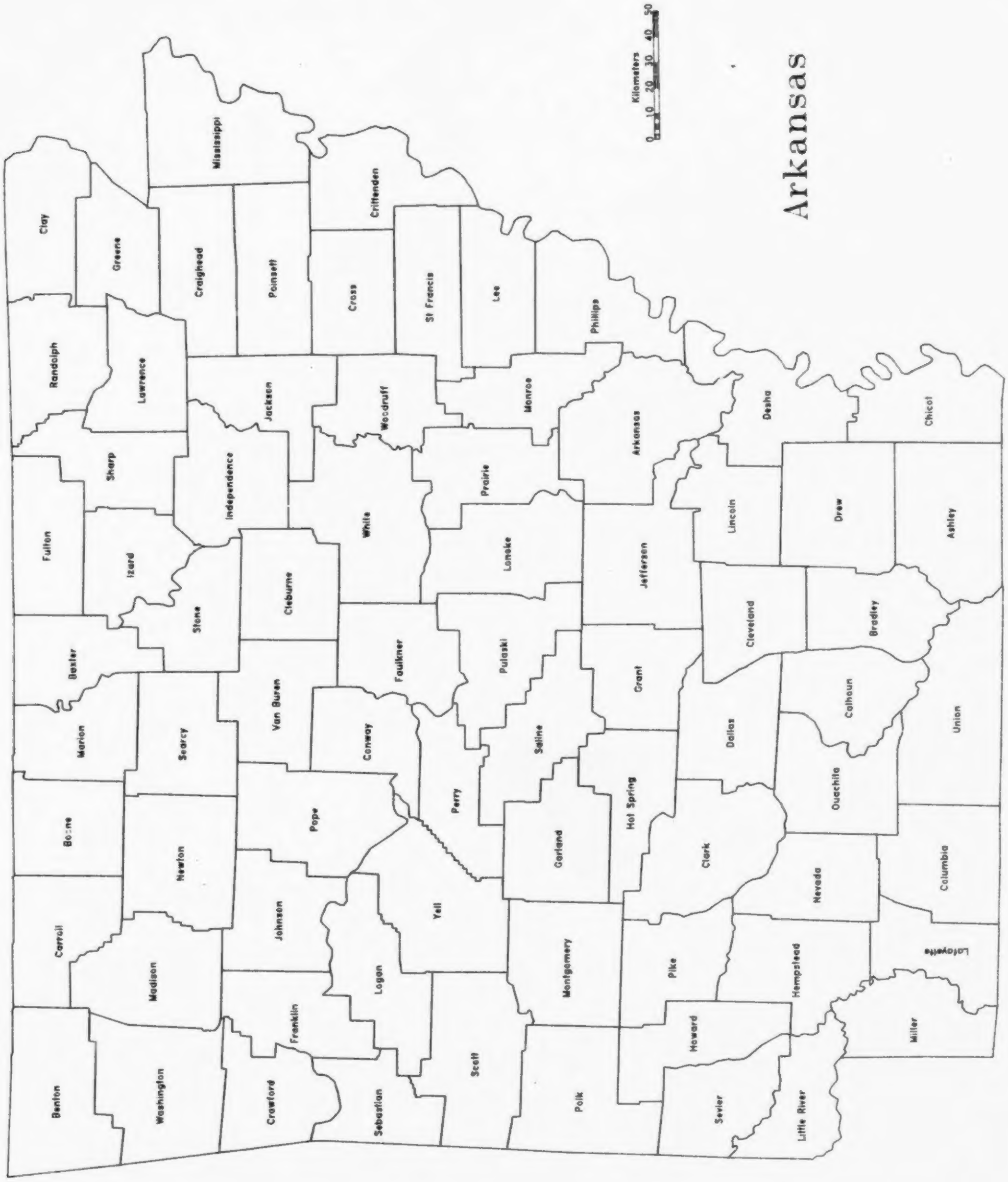
COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Mayes Co	32,261	P						
Oklahoma Co	568,933	P						
Tulsa Co	470,593	P				P		W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR TEXAS

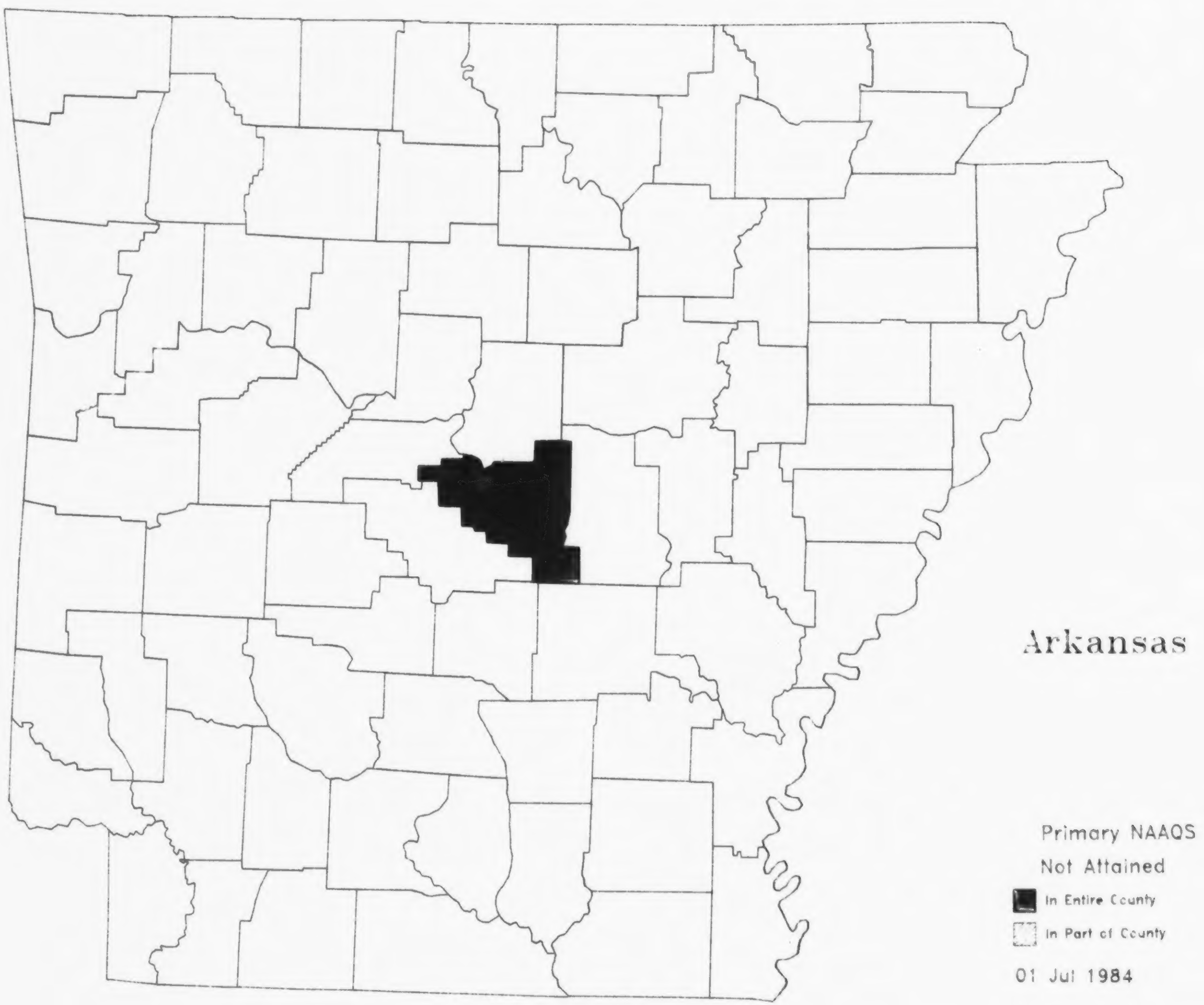
COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Brazoria Co	169,587							W
Cameron Co	209,727	P						
Dallas Co	1,556,390							W
El Paso Co	479,899	P				P		W
Galveston Co	195,940							W
Gregg Co	99,495							W
Harris Co	2,409,547	P	P					W
Jefferson Co	250,938							W
Nueces Co	268,215	P						W
Orange Co	83,838							W
Tarrant Co	860,880							W
Victoria Co	68,807							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

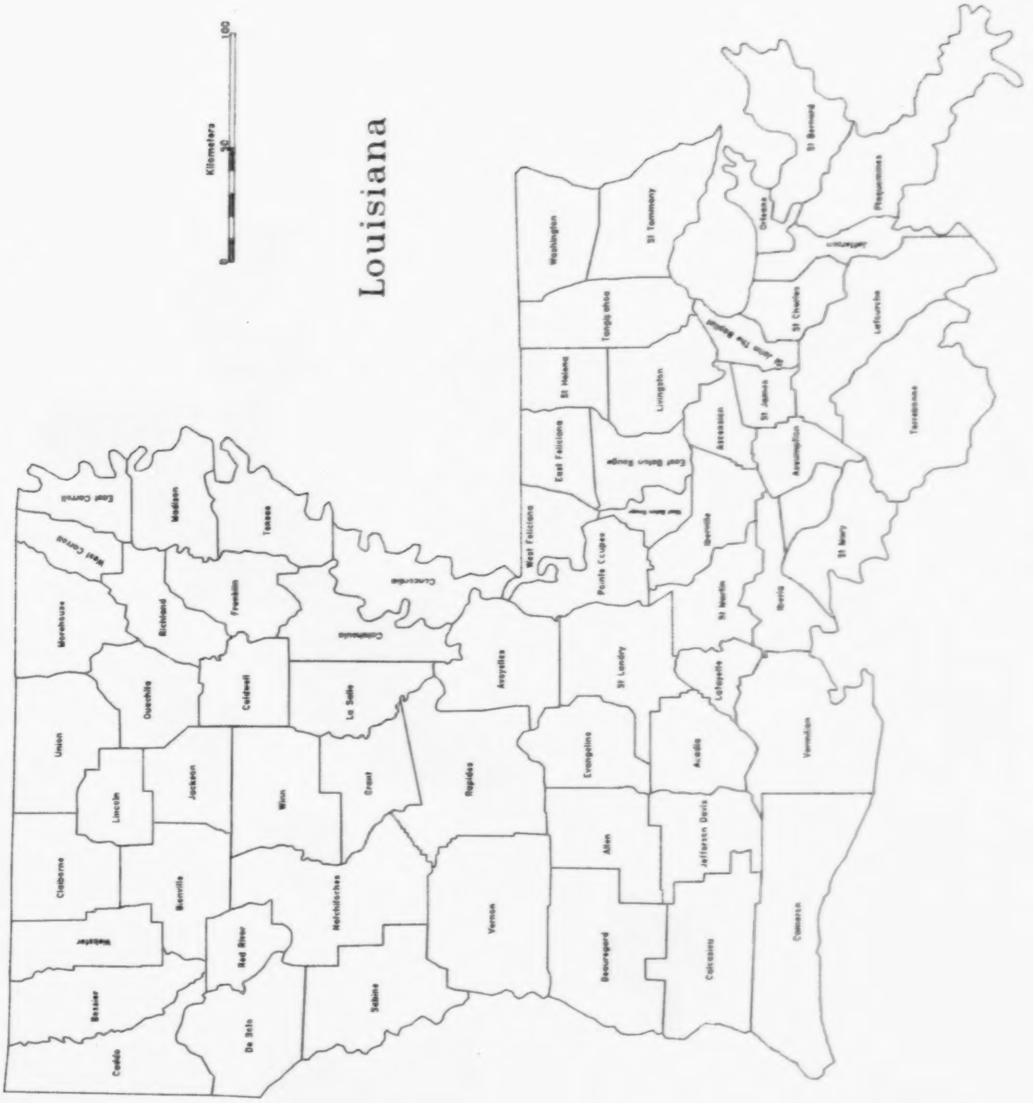


Arkansas

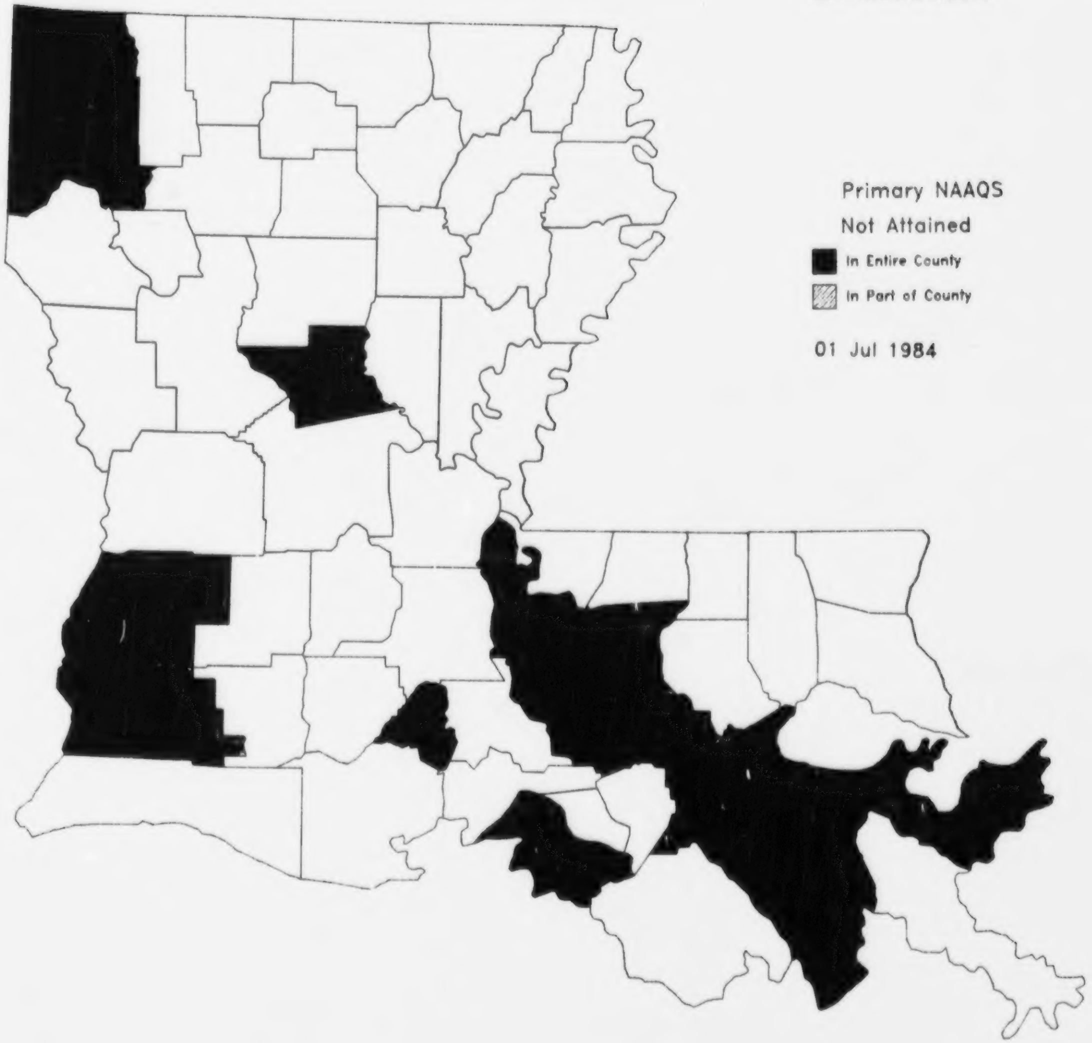
Kilometers
0 10 20 30 40 50
Clay
Greene
Mississippi
Craighead
Poinsett
Crittenden
Cross
St Francis
Lee
Phillips
Randolph
Lawrence
Jackson
Woodruff
Monroe
Arkansas
Desha
Chicot
Sharp
Independence
Prairie
Lincoln
Drew
Ashley
Fulton
Izard
White
Lonoke
Jefferson
Stone
Cleburne
Cleveland
Bradley
Baxter
Faulkner
Pulaski
Grant
Calhoun
Marion
Searcy
Van Buren
Conway
Saline
Dallas
Union
Ouachita
Perry
Hot Spring
Boone
Newton
Pope
Garland
Clark
Nevada
Columbia
Carroll
Johnson
Yell
Montgomery
Pike
Hempstead
Lafayette
Madison
Logan
Franklin
Howard
Miller
Benton
Washington
Crawford
Sebastian
Scott
Polk
Sevier
Little River


Arkansas
Primary NAAQS
Not Attained
In Entire County
In Part of County
01 Jul 1984

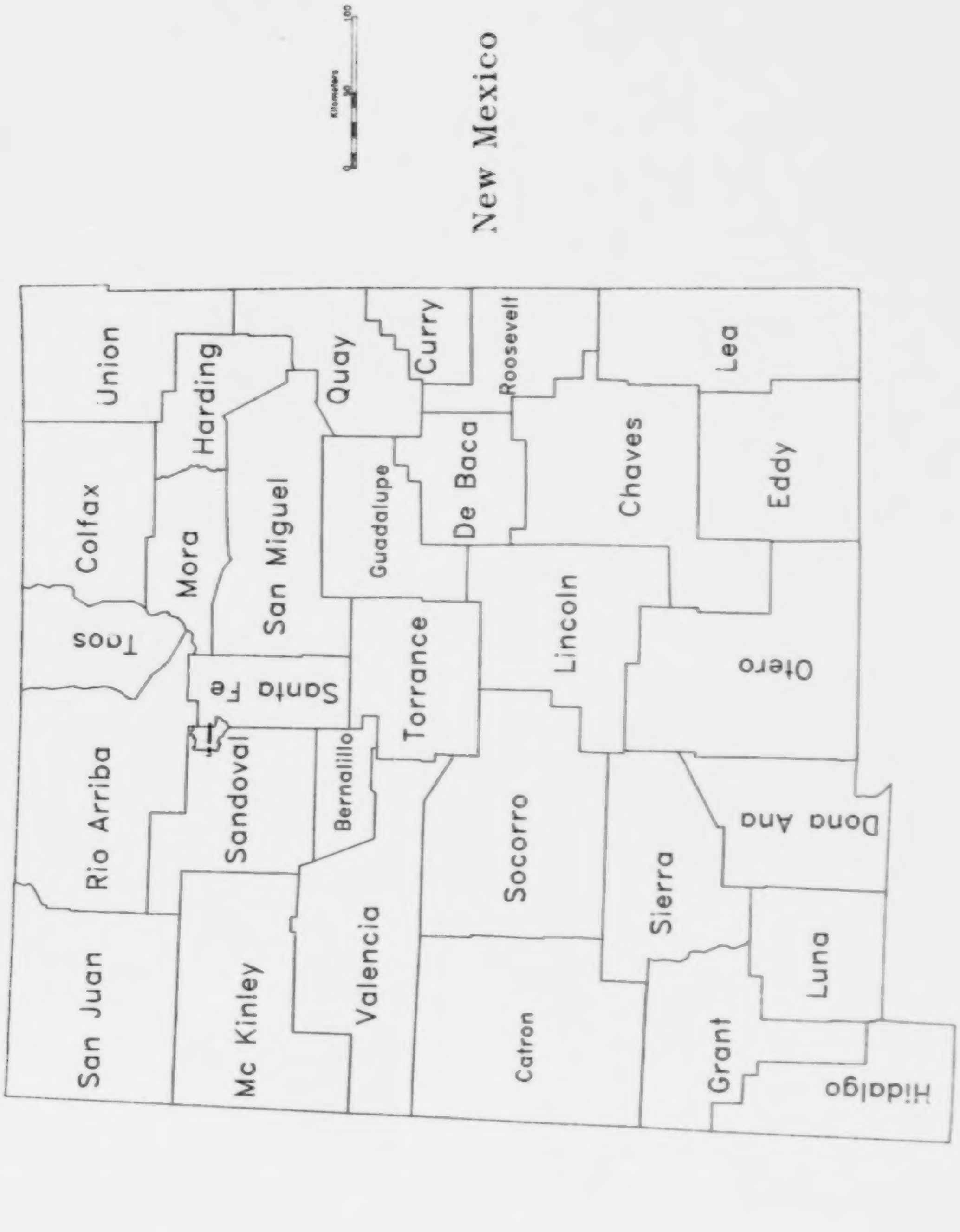
Promulgated List of O3 Non-Attaining Counties – 1984

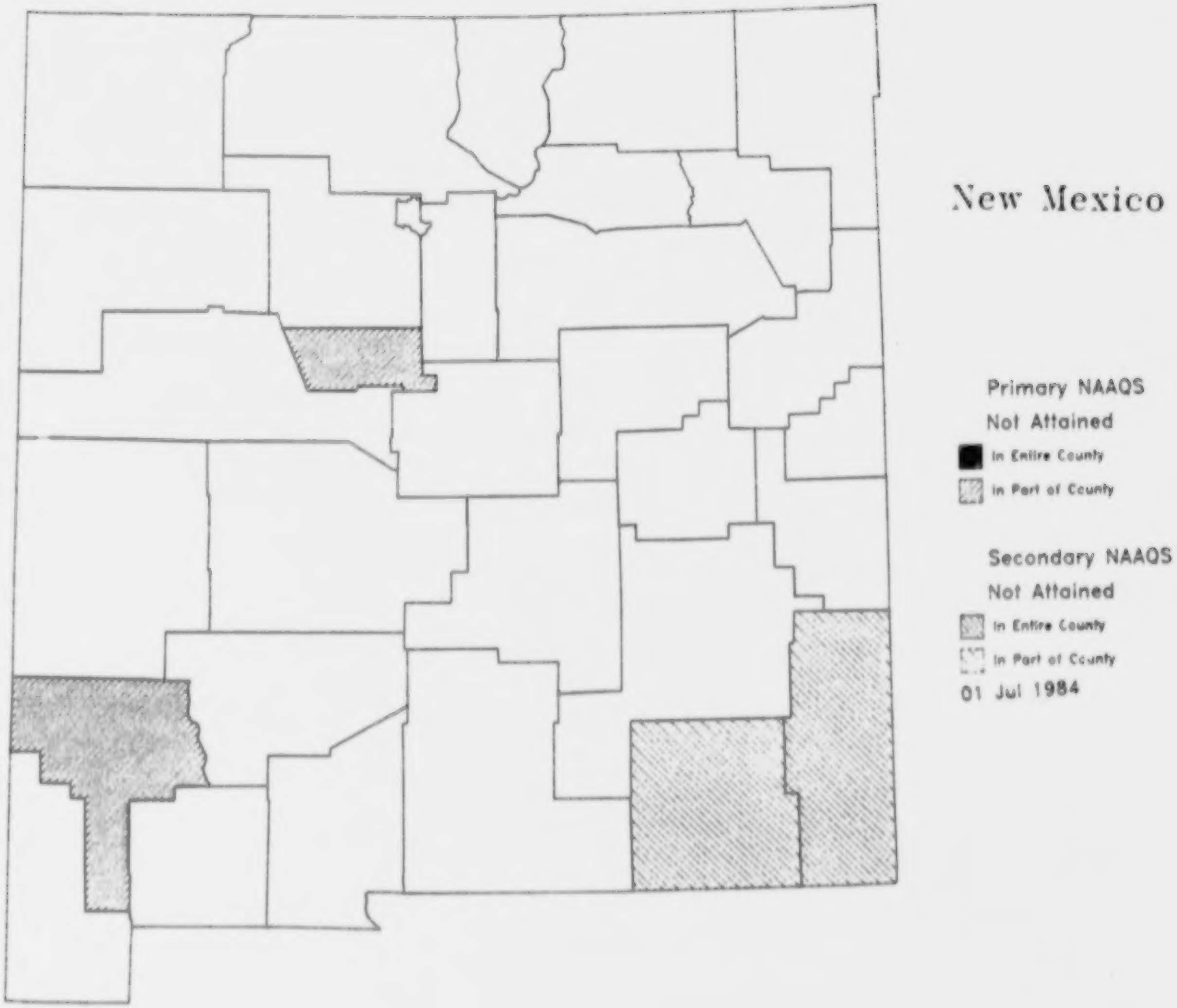

Louisiana
Kilometers
0
50
100
East Carroll
West Carroll
Morehouse
Madison
Tensas
Richland
Franklin
Concordia
Catahoula
Ouachita
Caldwell
Union
La Salle
Lincoln
Jackson
Winn
Grant
Claiborne
Bienville
Webster
Bossier
Caddo
Red River
Natchitoches
De Soto
Sabine
Vernon
Rapides
Avoyelles
Evangeline
St Landry
Allen
Beauregard
Calcasieu
Jefferson Davis
Acadia
Cameron
Vermilion
Lafayette
St Martin
Iberia
St Mary
Pointe Coupee
West Feliciana
East Feliciana
St Helena
Tangipahoa
Washington
St Tammany
Livingston
East Baton Rouge
West Baton Rouge
Iberville
Ascension
Assumption
St James
St John The Baptist
St Charles
Lafourche
Terrebonne
Jefferson
Orleans
St Bernard
Plaquemines

Louisiana


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

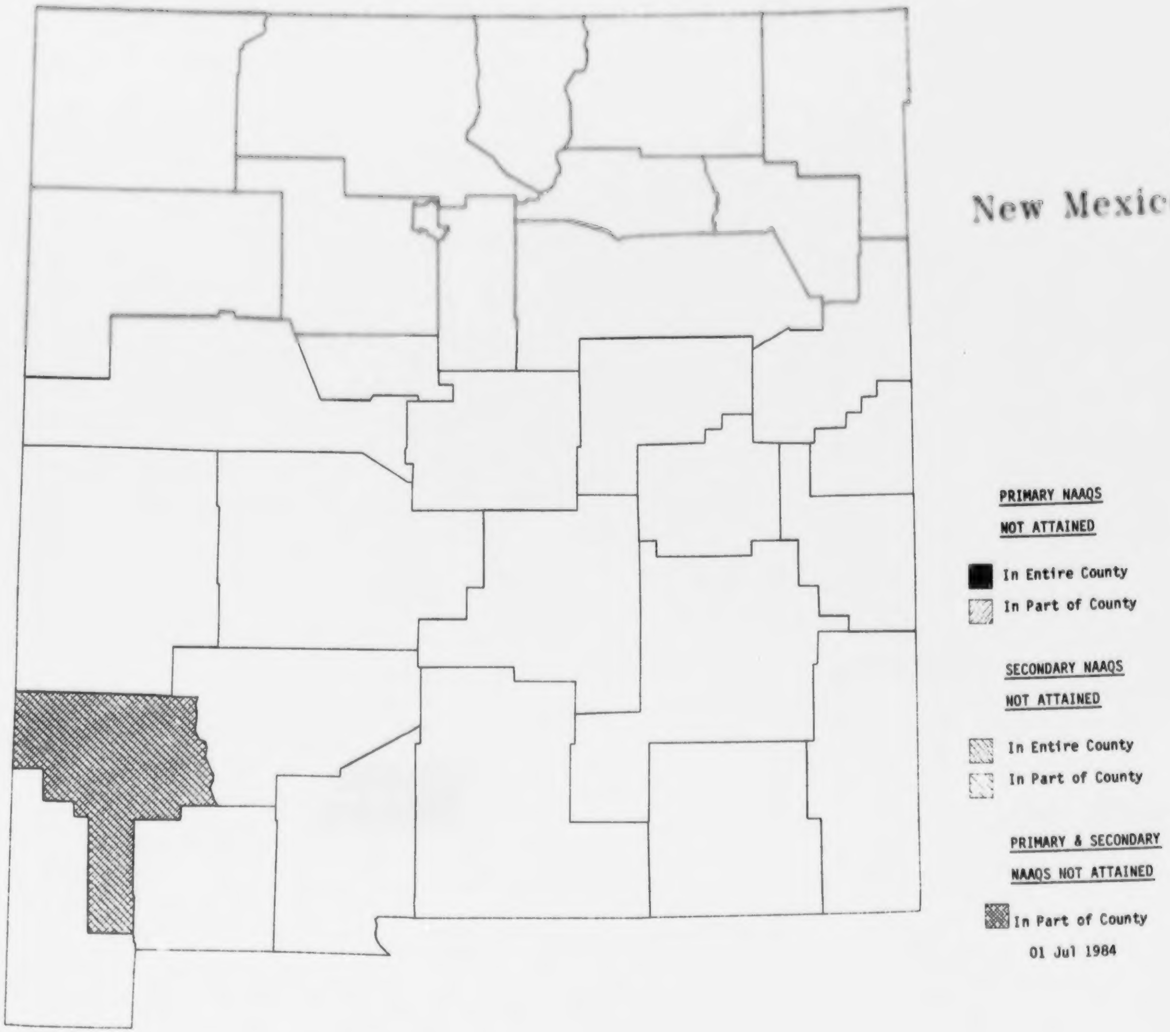
Promulgated List of 03 Non-Attaining Counties - 1984


New Mexico
Kilometers
0
50
100
Union
Colfax
Taos
Rio Arriba
San Juan
Harding
Mora
Santa Fe
Sandoval
Mc Kinley
Quay
San Miguel
Bernalillo
Valencia
Curry
Guadalupe
Torrance
Roosevelt
De Baca
Lincoln
Socorro
Catron
Lea
Chaves
Eddy
Otero
Sierra
Dona Ana
Luna
Grant
Hidalgo

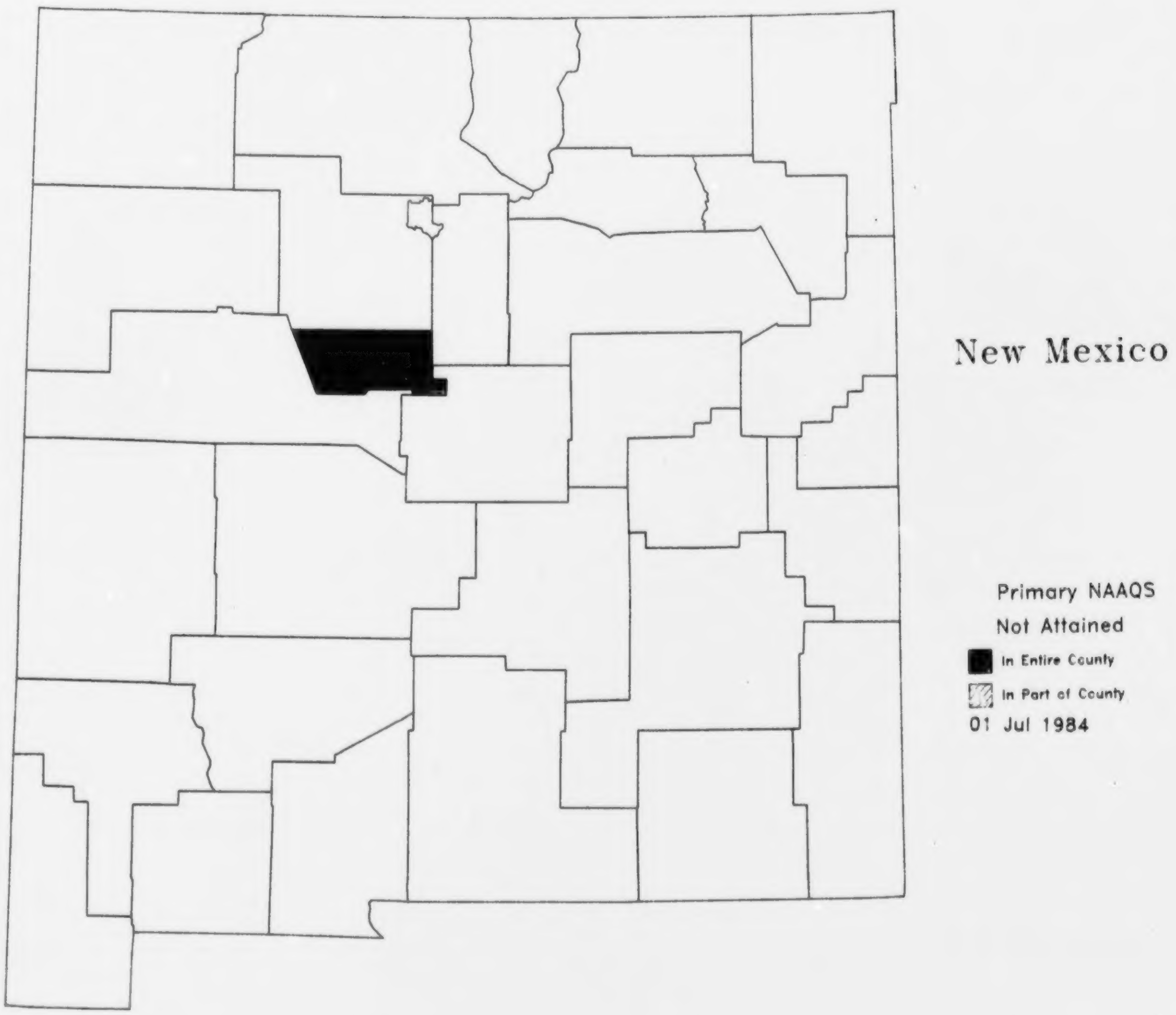

New Mexico
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984

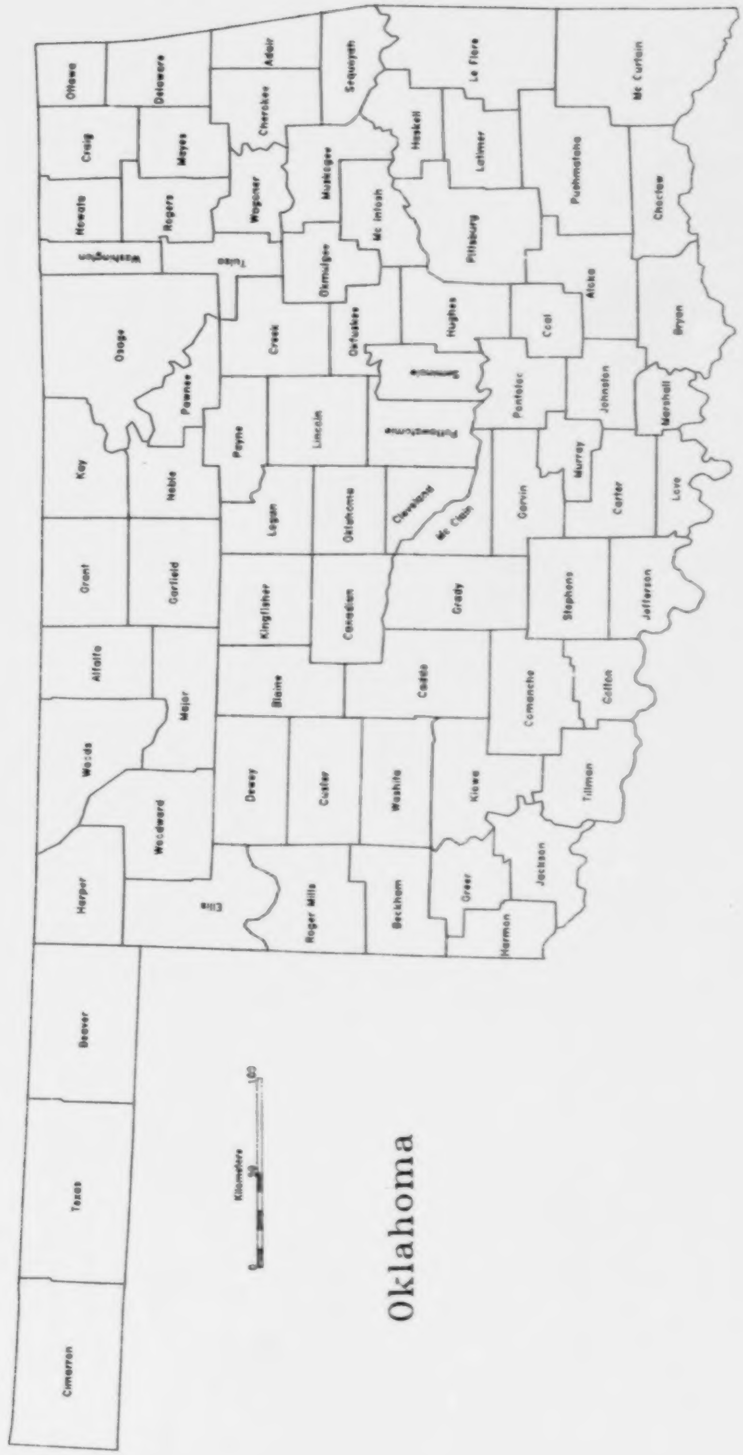
New Mexico

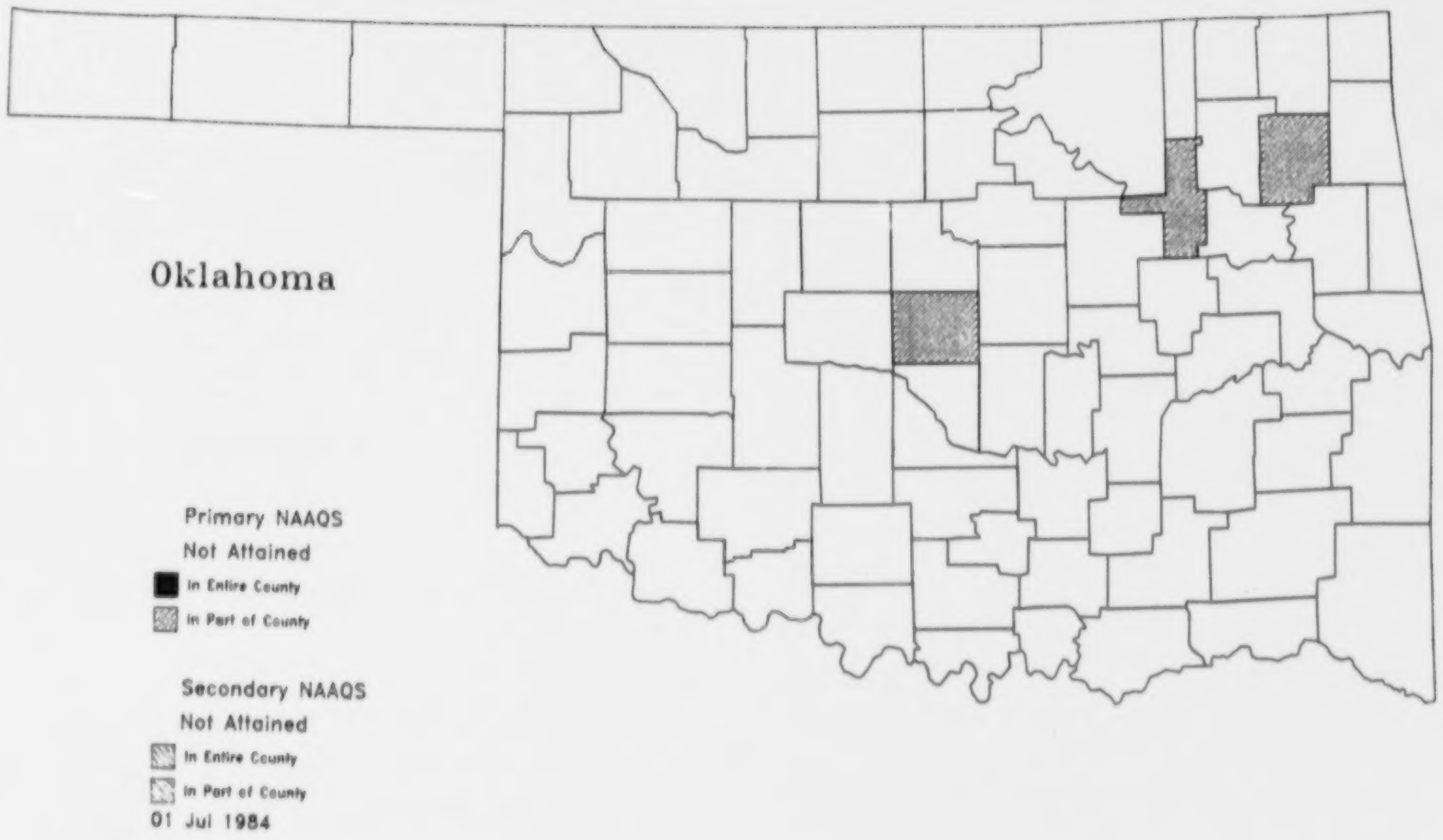

PRIMARY NAAQS
NOT ATTAINED
■ In Entire County
▨ In Part of County
SECONDARY NAAQS
NOT ATTAINED
▨ In Entire County
▨ In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
▩ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984

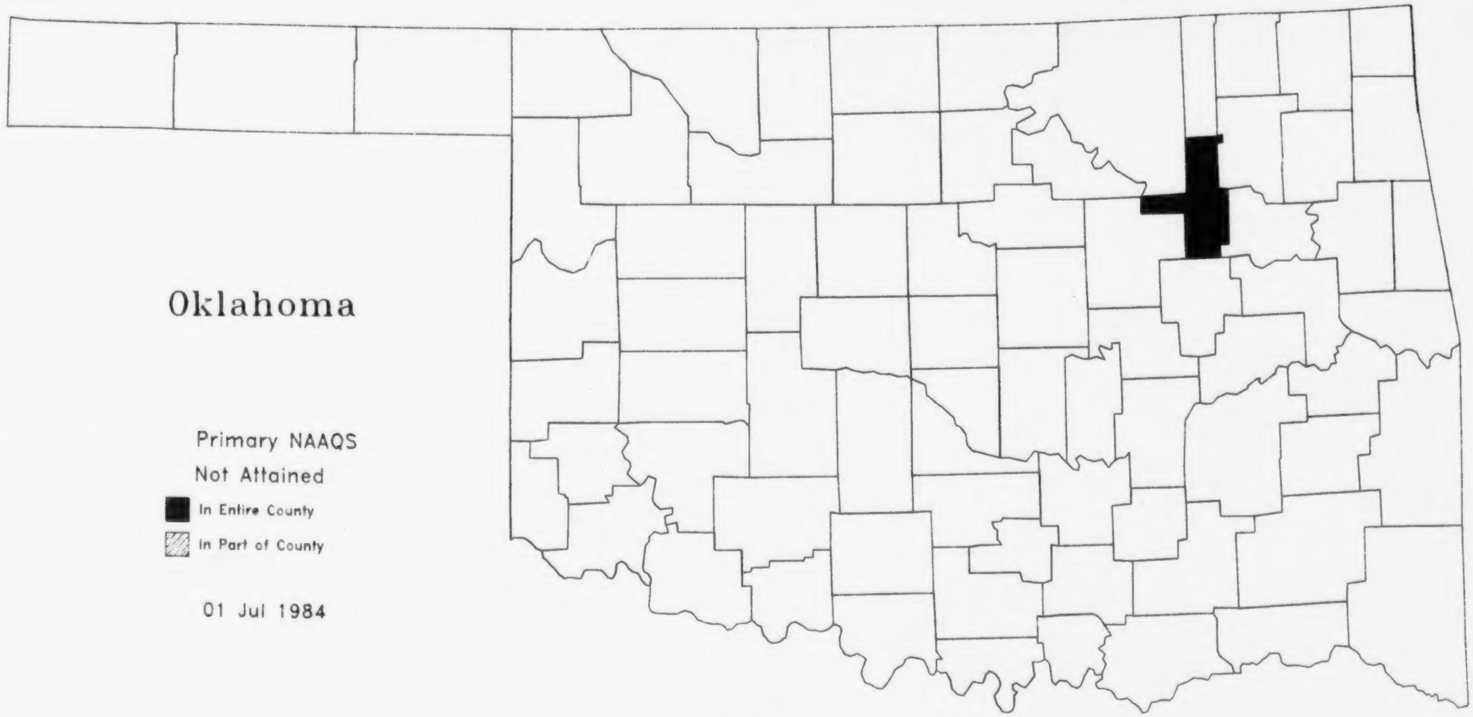

New Mexico
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984


Oklahoma
Kilometers
0
50
100
Cimarron
Texas
Beaver
Harper
Ellis
Woods
Woodward
Alfalfa
Major
Grant
Garfield
Kay
Noble
Osage
Pawnee
Washington
Nowata
Craig
Ottawa
Delaware
Rogers
Mayes
Tulsa
Wagoner
Cherokee
Adair
Sequoyah
Muskogee
Mc Intosh
Okmulgee
Creek
Payne
Logan
Lincoln
Okfuskee
Kingfisher
Blaine
Dewey
Custer
Roger Mills
Beckham
Washita
Canadian
Oklahoma
Caddo
Grady
Cleveland
Mc Clain
Pottawatomie
Seminole
Hughes
Pittsburg
Haskell
Latimer
Le Flore
Mc Curtain
Pushmataha
Choctaw
Atoka
Coal
Pontotoc
Garvin
Murray
Johnston
Marshall
Bryan
Love
Carter
Stephons
Jefferson
Comanche
Cotton
Tillman
Kiowa
Jackson
Greer
Harmon

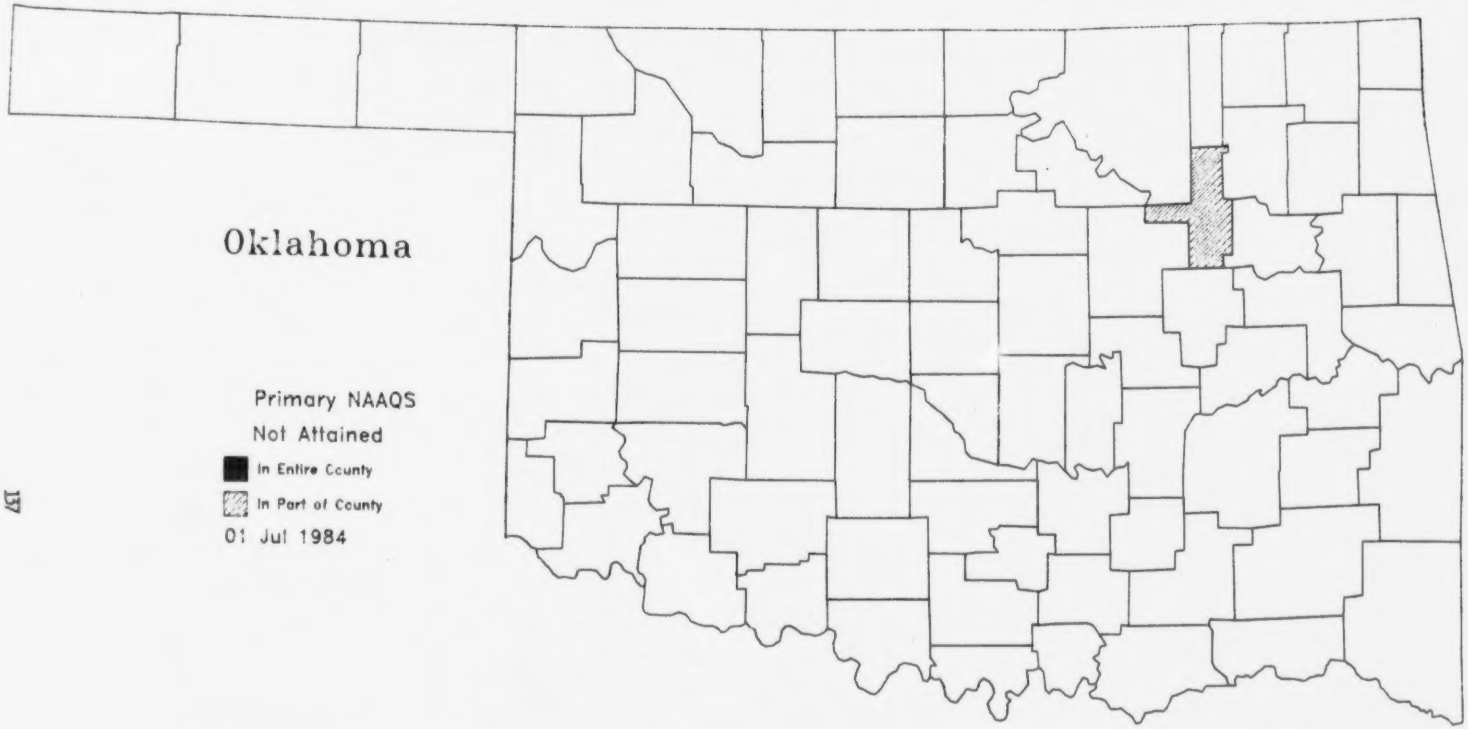

Oklahoma
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984

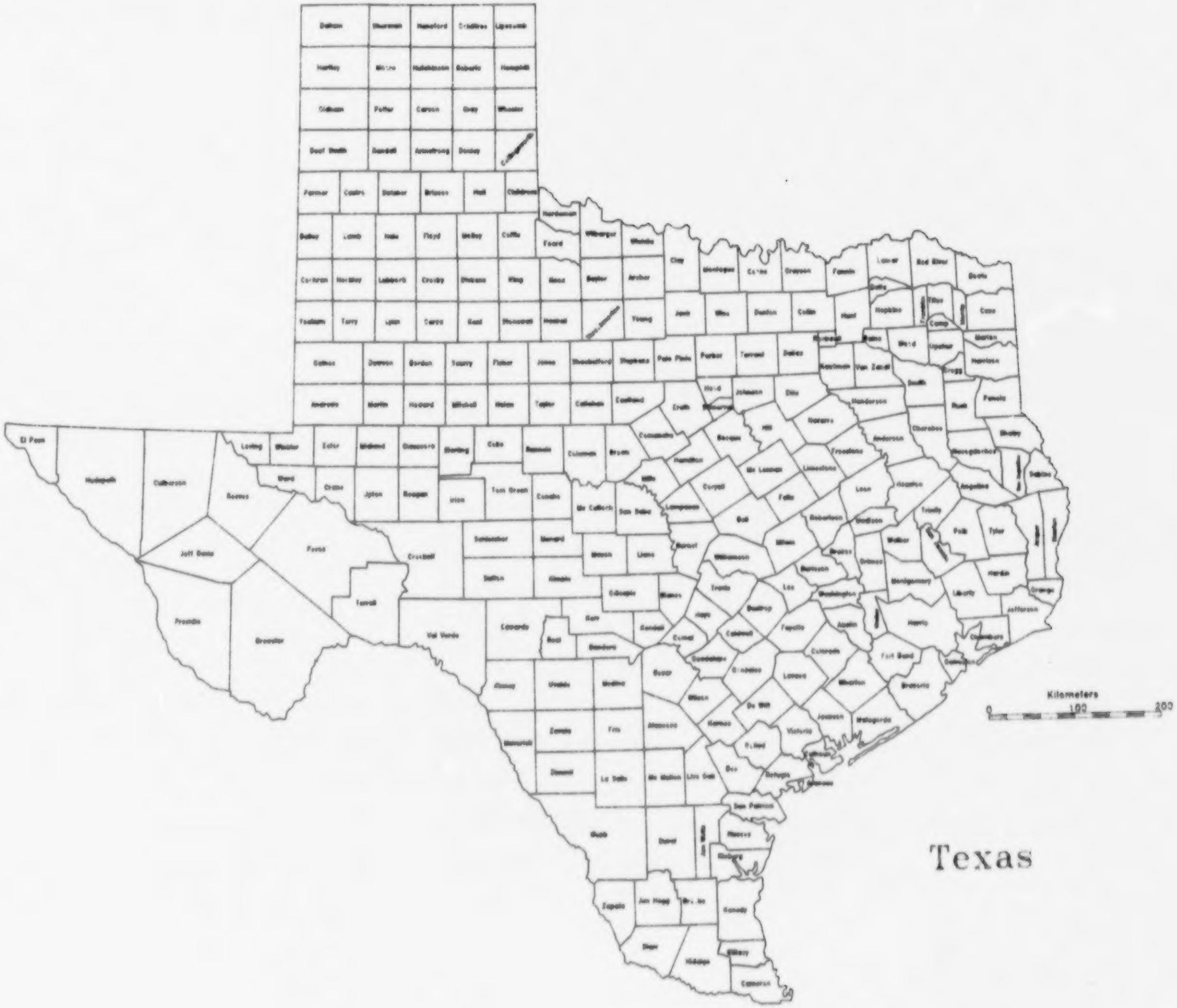


Oklahoma
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

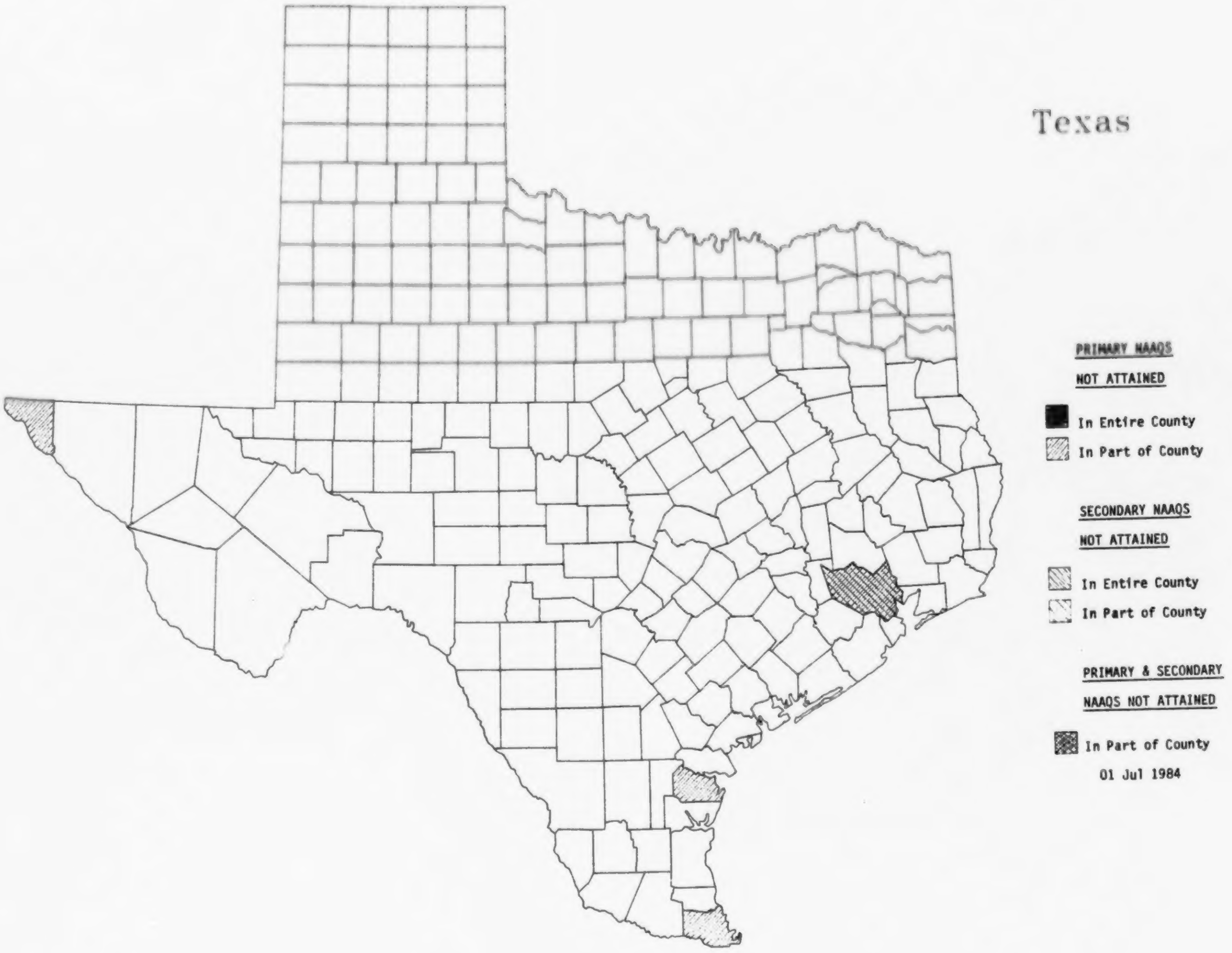
Promulgated List of 03 Non-Attaining Counties - 1984


Oklahoma
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

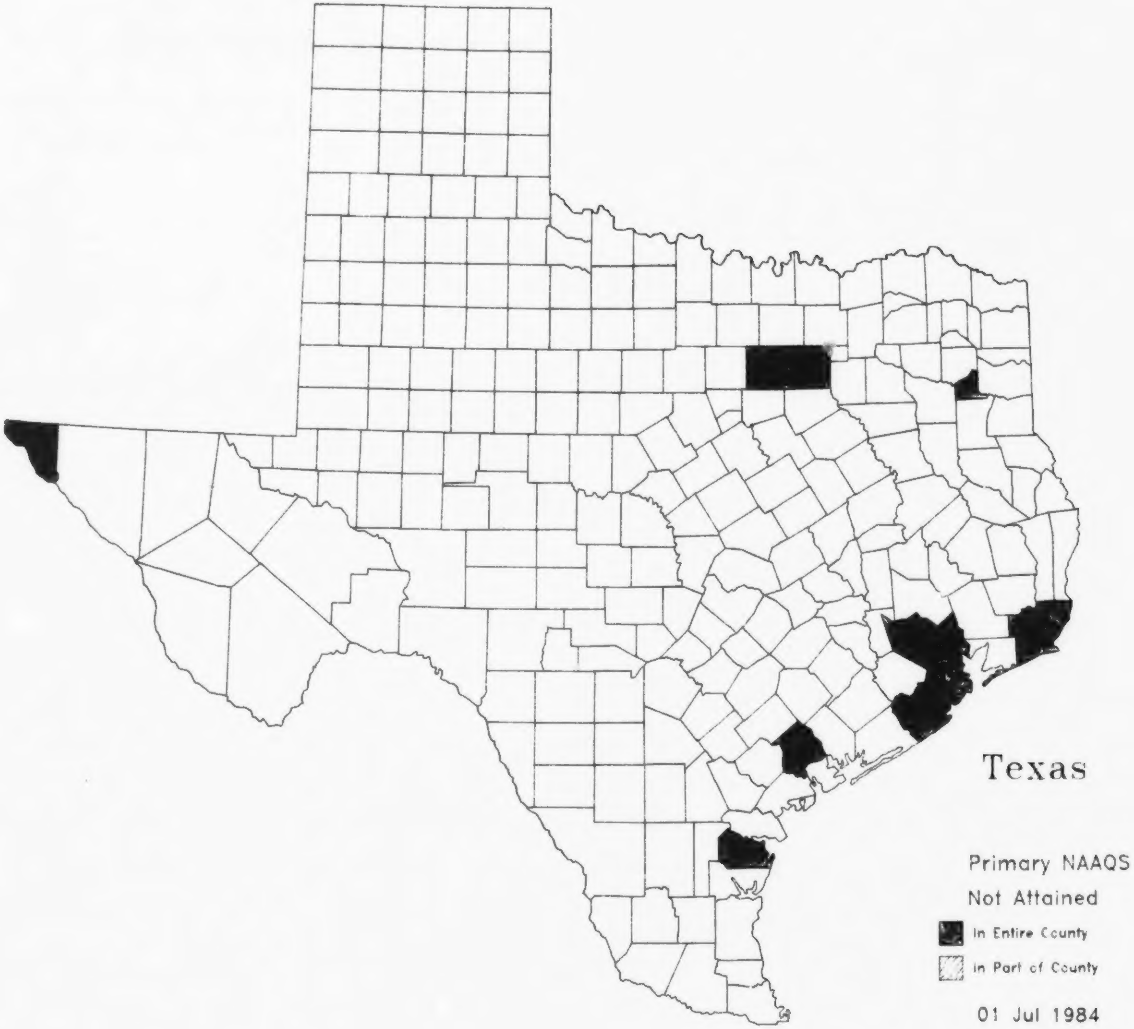
Promulgated List of CO Non-Attaining Counties - 1984


Kilometers
0
100
200

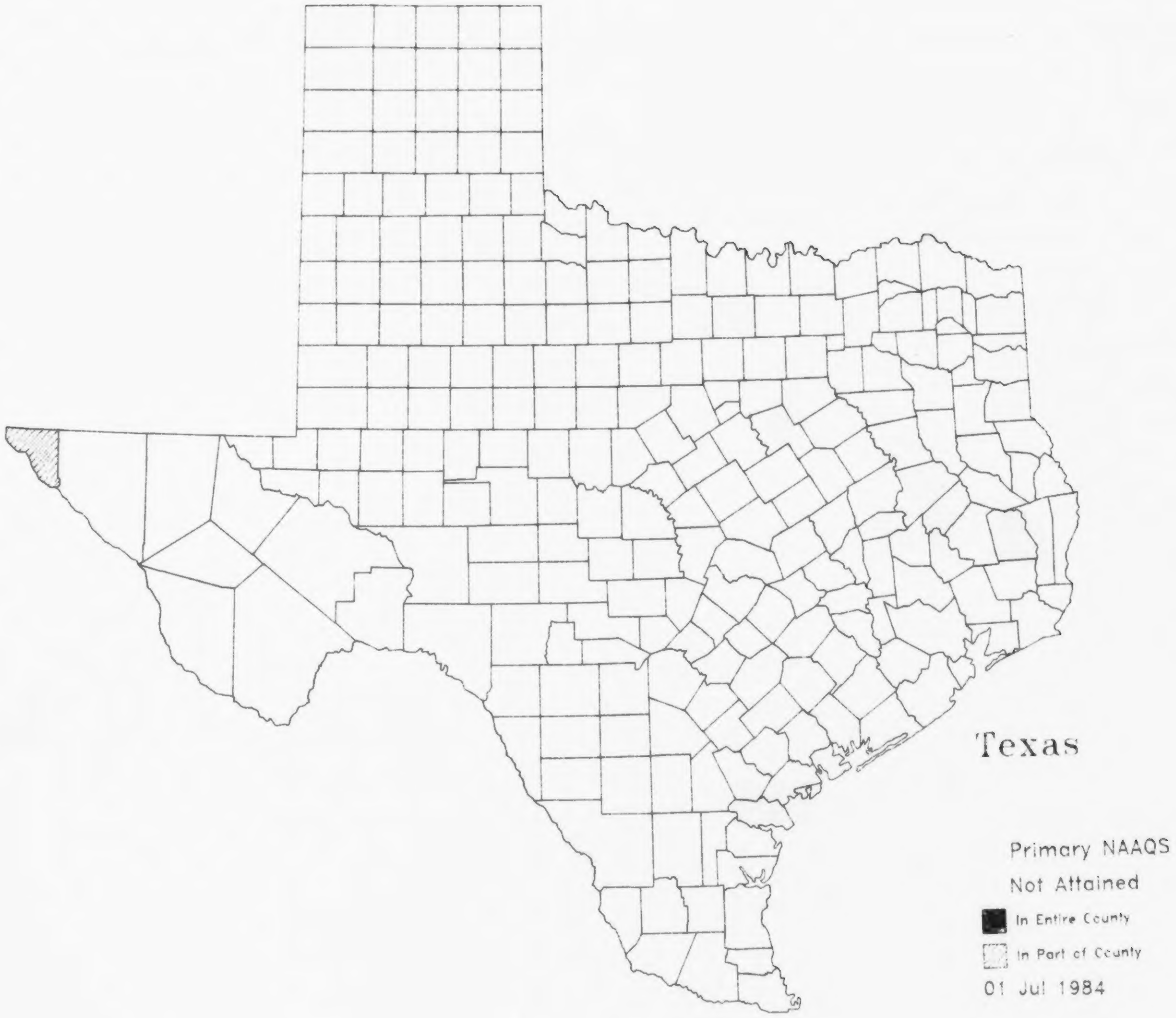
Texas


Texas
PRIMARY NAAQS
NOT ATTAINED
■ In Entire County
▨ In Part of County
SECONDARY NAAQS
NOT ATTAINED
▨ In Entire County
▨ In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
▩ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Texas
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984


Texas
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Region VII

Iowa, Kansas, Missouri, Nebraska

Air Programs Branch
EPA Region VII
324 East 11th Street
Kansas City, Missouri 64106
(816) 374-3791
FTS: 758-3791

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR IOWA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Black Hawk Co	137,961		P					
Cerro Gordo Co	48,458	P	P					
Clinton Co	57,122		P					
Linn Co	169,775		P					
Marshall Co	41,652		P					
Muscatine Co	40,436		P					
Polk Co	303,170	P	P			P		
Pottawattamie Co	86,561		P					
Scott Co	160,022		P					
Webster Co	45,953		P					
Woodbury Co	100,884		P					

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR KANSAS

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Douglas Co	67,640							W
Johnson Co	270,269							W
Sedgwick Co	367,088					P		
Shawnee Co	154,916		P					
Wyandotte Co	172,335	P						W

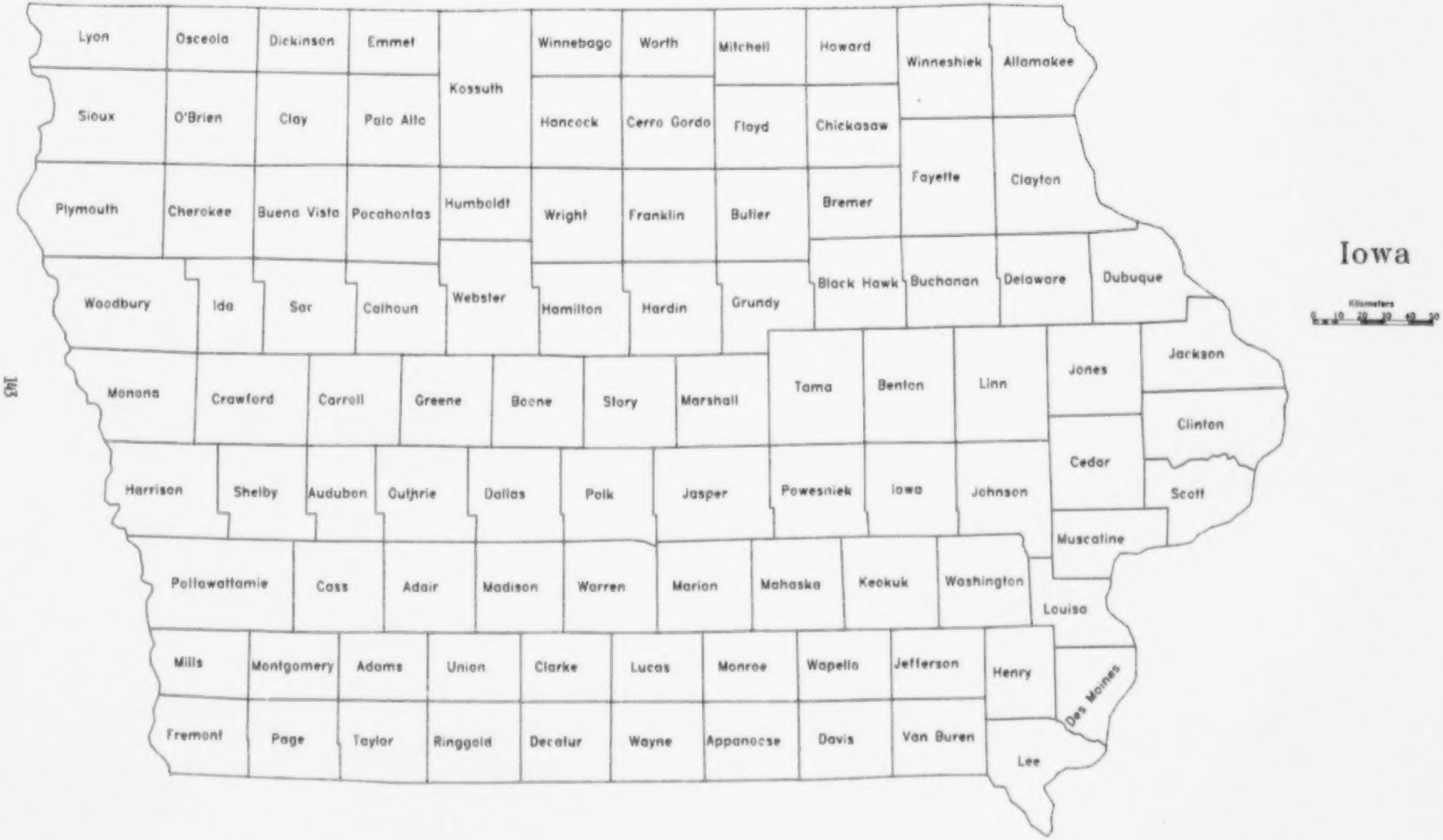
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR MISSOURI

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Buchanan Co	87,888	P	P					
Clay Co	136,488		P					W
Franklin Co	71,233							W
Jackson Co	629,266		P					W
Jefferson Co	146,183							W
New Madrid Co	22,945		P					
Platte Co	46,341		P					W
St Charles Co	144,107							W
St Louis Co	973,896	P	P			P		W
St Louis	453,085	P	P			W		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEBRASKA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Cass Co	20,297	P	P					
Douglas Co	397,038	P	P			P		
Lancaster Co	192,884					P		
Sarpy Co	86,015		P					

Iowa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Osceola
Dickinson
Emmet
Kossuth
Winnebago
Worth
Mitchell
Howard
Winneshiek
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Sioux
O'Brien
Clay
Palo Alto
Hancock
Cerro Gordo
Floyd
Chickasaw
Fayette
Clayton
Plymouth
Cherokee
Buena Vista
Pocahontas
Humboldt
Wright
Franklin
Butler
Bremer
Woodbury
Ida
Sac
Calhoun
Webster
Hamilton
Hardin
Grundy
Black Hawk
Buchanan
Delaware
Dubuque
Monona
Crawford
Carroll
Greene
Boone
Story
Marshall
Tama
Benton
Linn
Jones
Jackson
Clinton
Harrison
Shelby
Audubon
Guthrie
Dallas
Polk
Jasper
Poweshiek
Iowa
Johnson
Cedar
Scott
Muscatine
Pottawattamie
Cass
Adair
Madison
Warren
Marion
Mahaska
Keokuk
Washington
Louisa
Mills
Montgomery
Adams
Union
Clarke
Lucas
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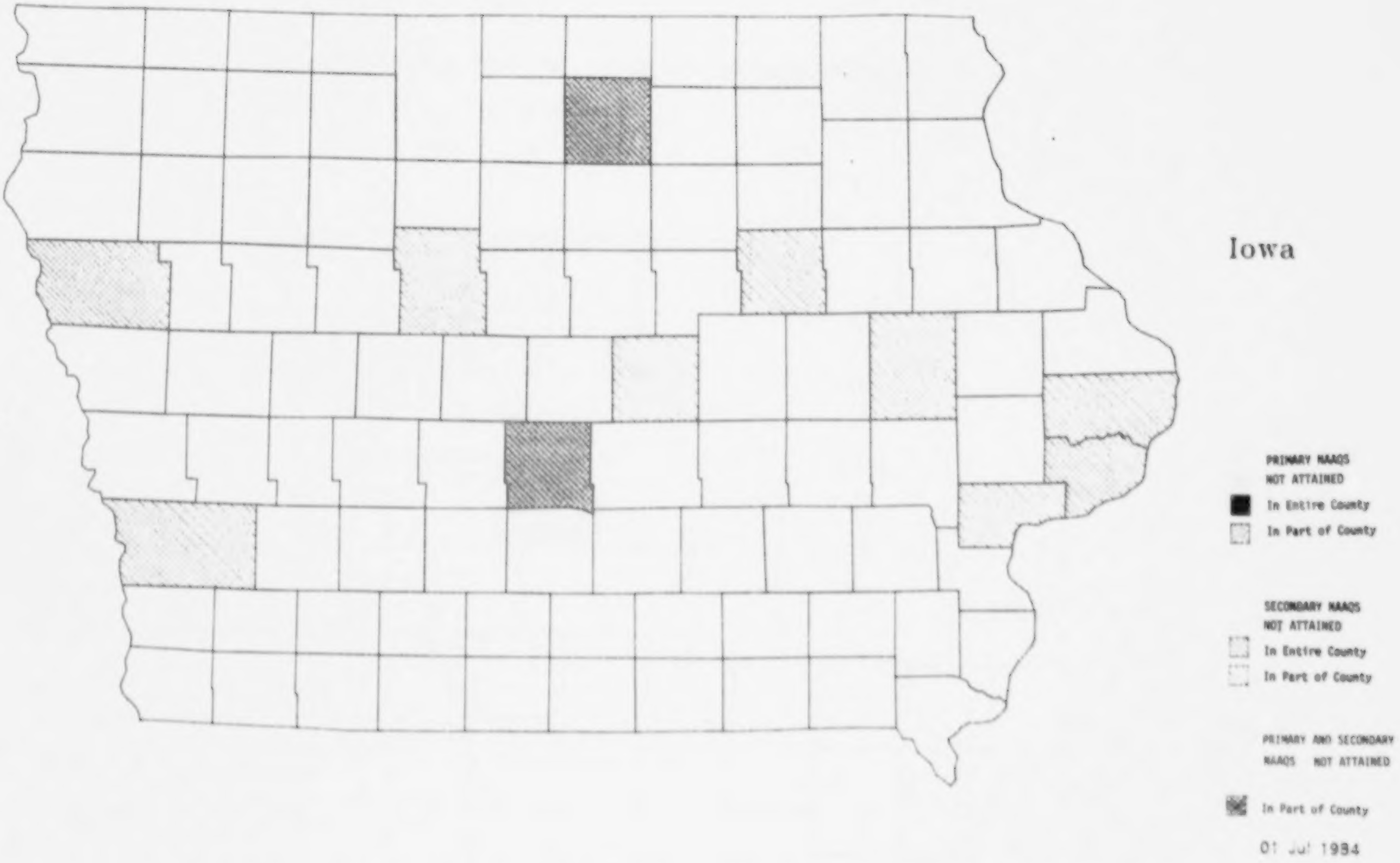
Decatur
Wayne
Appanoose
Davis
Van Buren
Lee


Iowa
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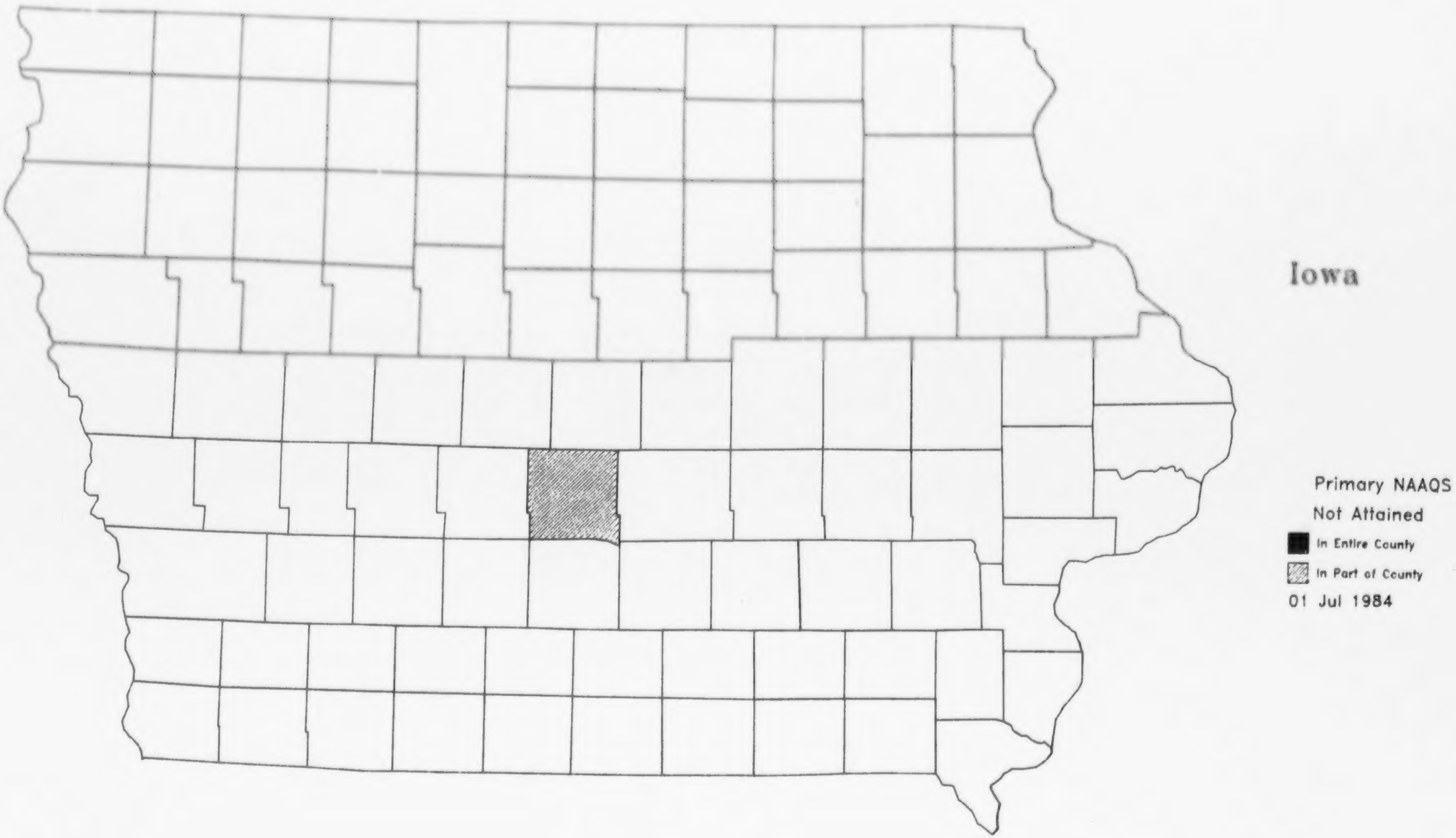
■ In Entire County
▨ In Part of County
SECONDARY NAAQS NOT ATTAINED
▨ In Entire County
☐ In Part of County
PRIMARY AND SECONDARY NAAQS NOT ATTAINED
▩ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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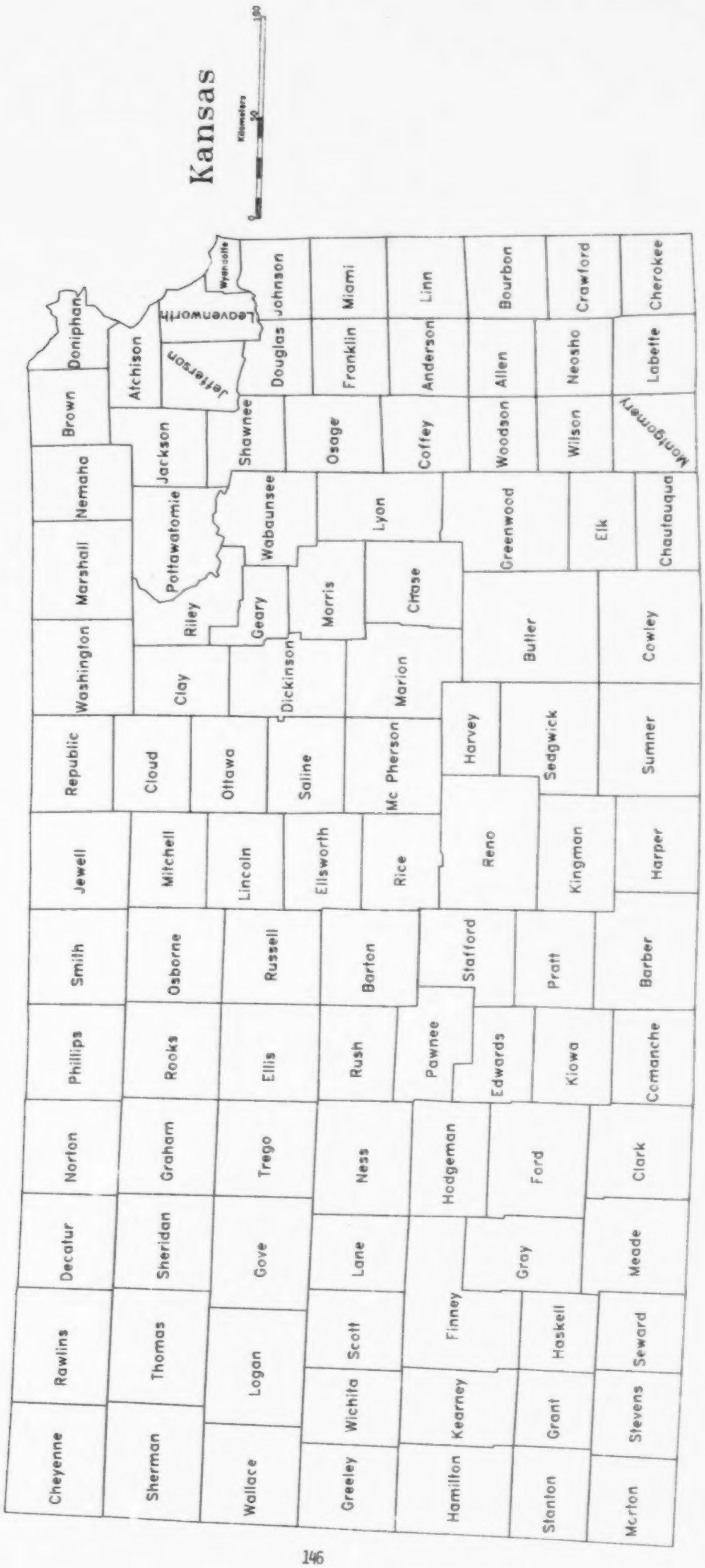
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984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Decatur
Norton
Phillips
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Jewell
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Nemaha
Brown
Doniphan
Sherman
Thomas
Sheridan
Graham
Rooks
Osborne
Mitchell
Cloud
Clay
Riley
Pottawatomie
Jackson
Atchison
Jefferson
Leavenworth
Wyandotte
Wallace
Logan
Gove
Trego
Ellis
Russell
Lincoln
Ottawa
Dickinson
Geary
Wabaunsee
Shawnee
Douglas
Johnson
Greeley
Wichita
Scott
Lane
Ness
Rush
Barton
Ellsworth
Saline
Marion
Morris
Lyon
Osage
Franklin
Miami
Hamilton
Kearney
Finney
Hodgeman
Pawnee
Stafford
Rice
Mc Pherson
Chase
Coffey
Anderson
Linn
Gray
Ford
Edwards
Reno
Harvey
Butler
Greenwood
Woodson
Allen
Bourbon
Stanton
Grant
Haskell
Kiowa
Pratt
Kingman
Sedgwick
Elk
Wilson
Neosho
Crawford
Morton
Stevens
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Meade
Clark
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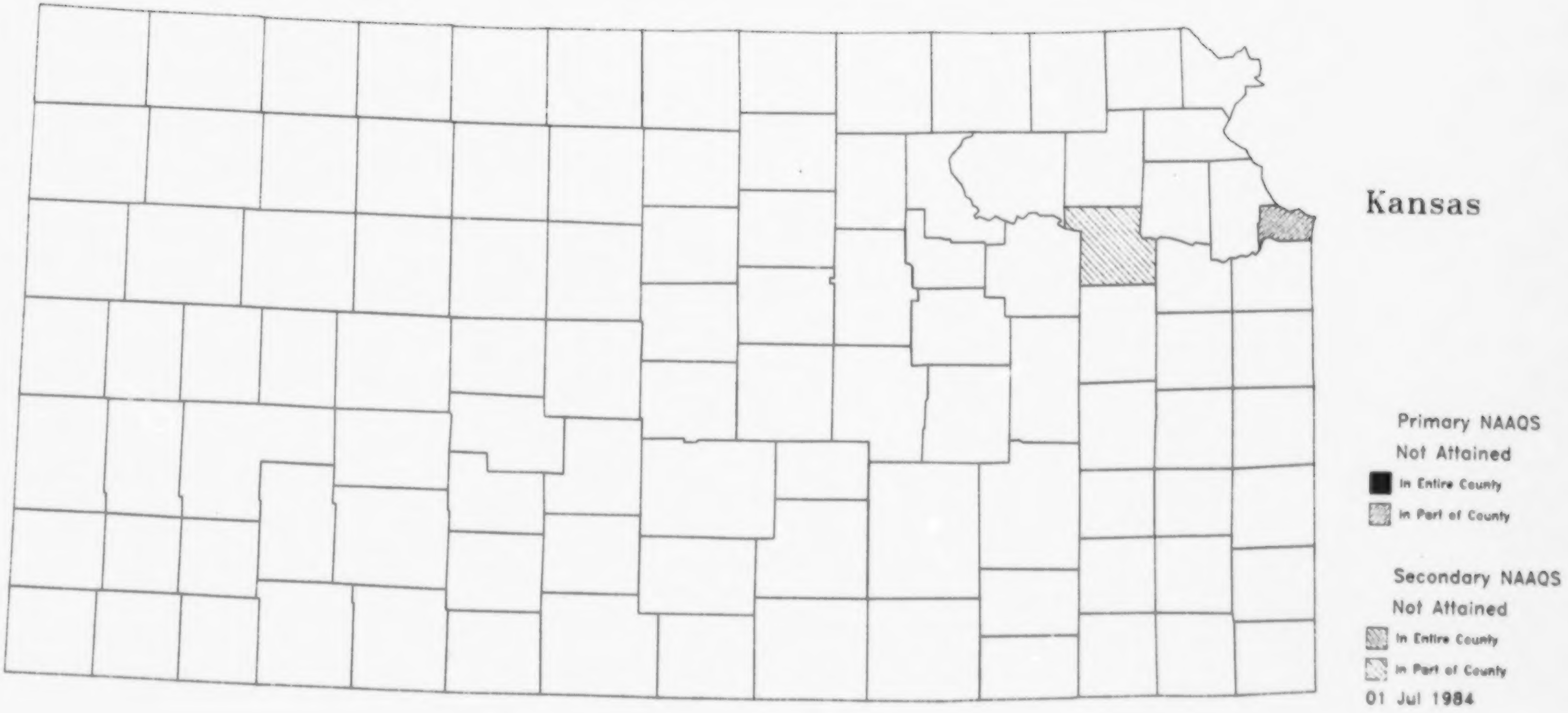
Barber
Harper
Sumner
Cowley
Chautauqua
Montgomery
Labette
Cherokee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Secondary NAAQS
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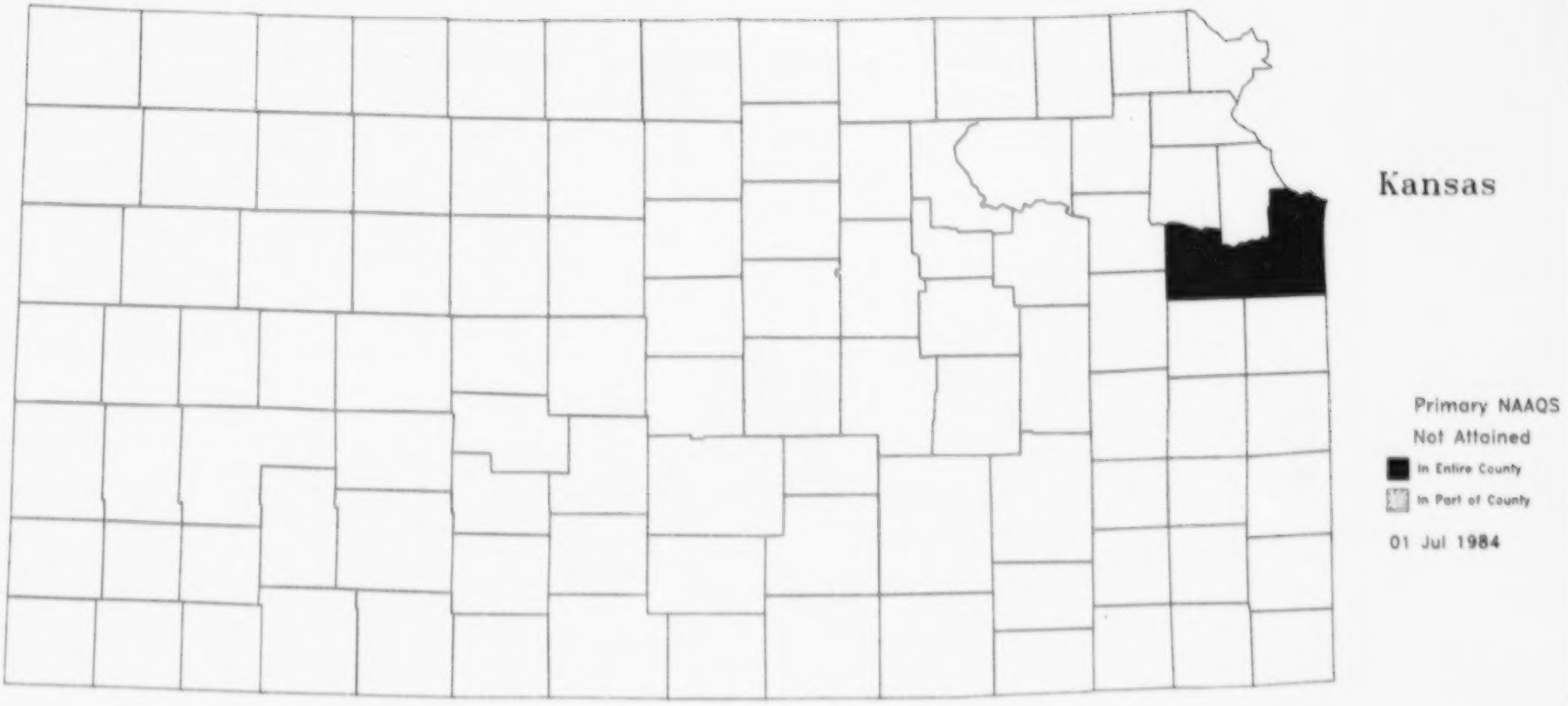
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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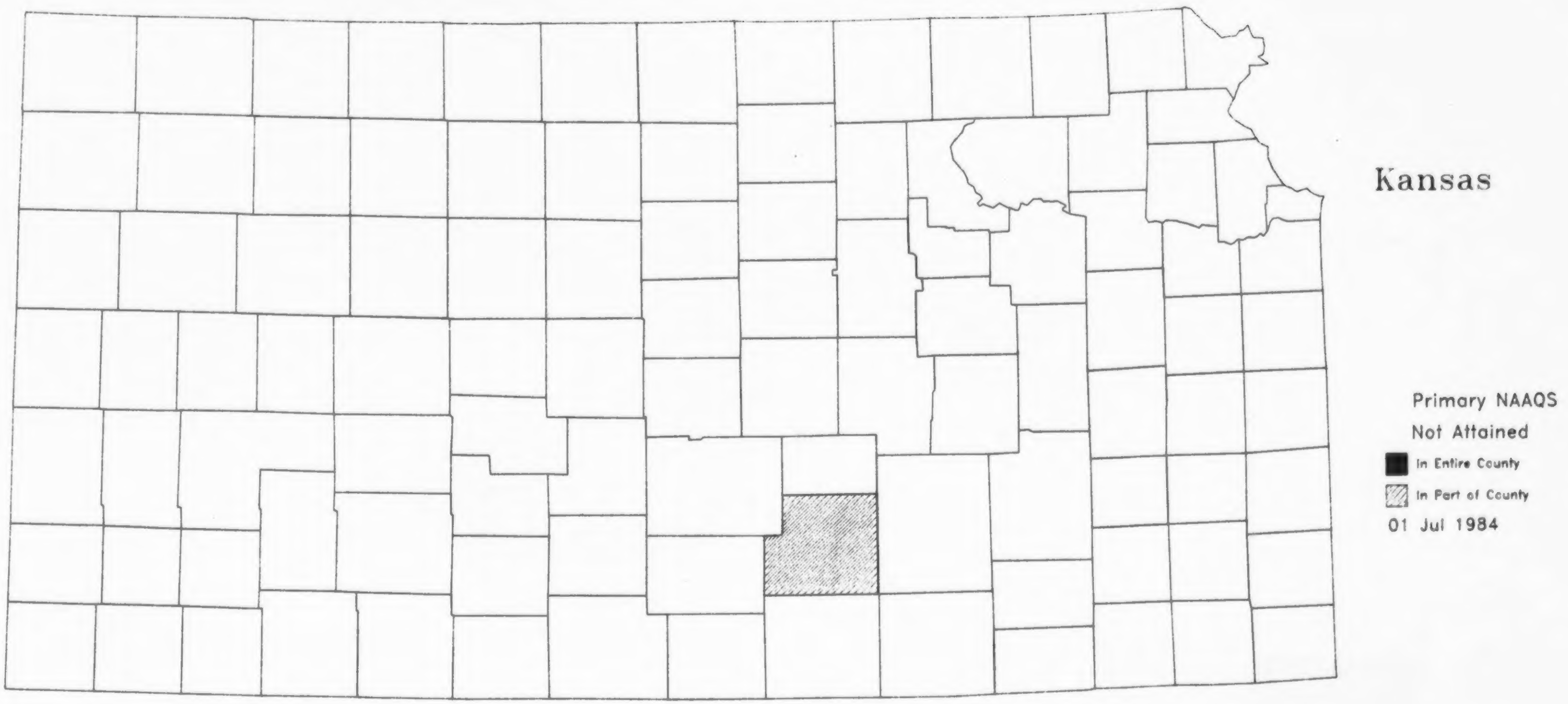
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984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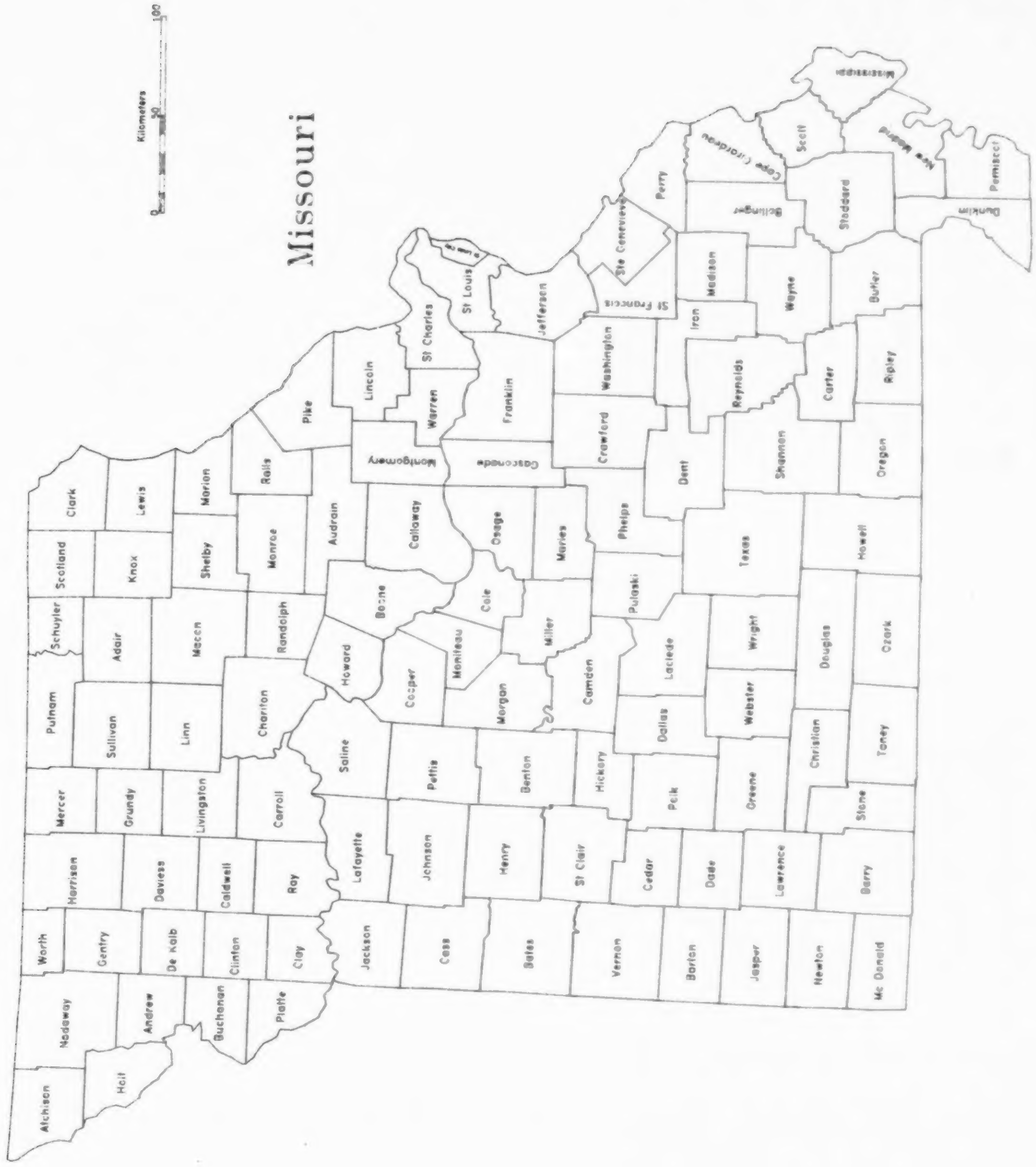
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984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100
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Nodaway
Worth
Harrison
Mercer
Putnam
Schuyler
Scotland
Clark
Holt
Andrew
Gentry
Daviess
Grundy
Sullivan
Adair
Knox
Lewis
Buchanan
De Kalb
Caldwell
Livingston
Linn
Macon
Shelby
Marion
Platte
Clinton
Clay
Ray
Carroll
Chariton
Randolph
Monroe
Ralls
Pike
Audrain
Lincoln
Jackson
Lafayette
Saline
Howard
Boone
Callaway
Montgomery
Warren
St Charles
St Louis
Cass
Johnson
Pettis
Cooper
Moniteau
Cole
Osage
Gasconade
Franklin
Jefferson
Bates
Henry
Benton
Morgan
Miller
Maries
Crawford
Washington
Ste Genevieve
Perry
Vernon
St Clair
Hickory
Camden
Pulaski
Phelps
Dent
Iron
St Francois
Madison
Cape Girardeau
Barton
Cedar
Polk
Dallas
Laclede
Texas
Shannon
Reynolds
Wayne
Bollinger
Scott
Mississippi
Jasper
Dade
Greene
Webster
Wright
Howell
Oregon
Carter
Butler
Stoddard
New Madrid
Newton
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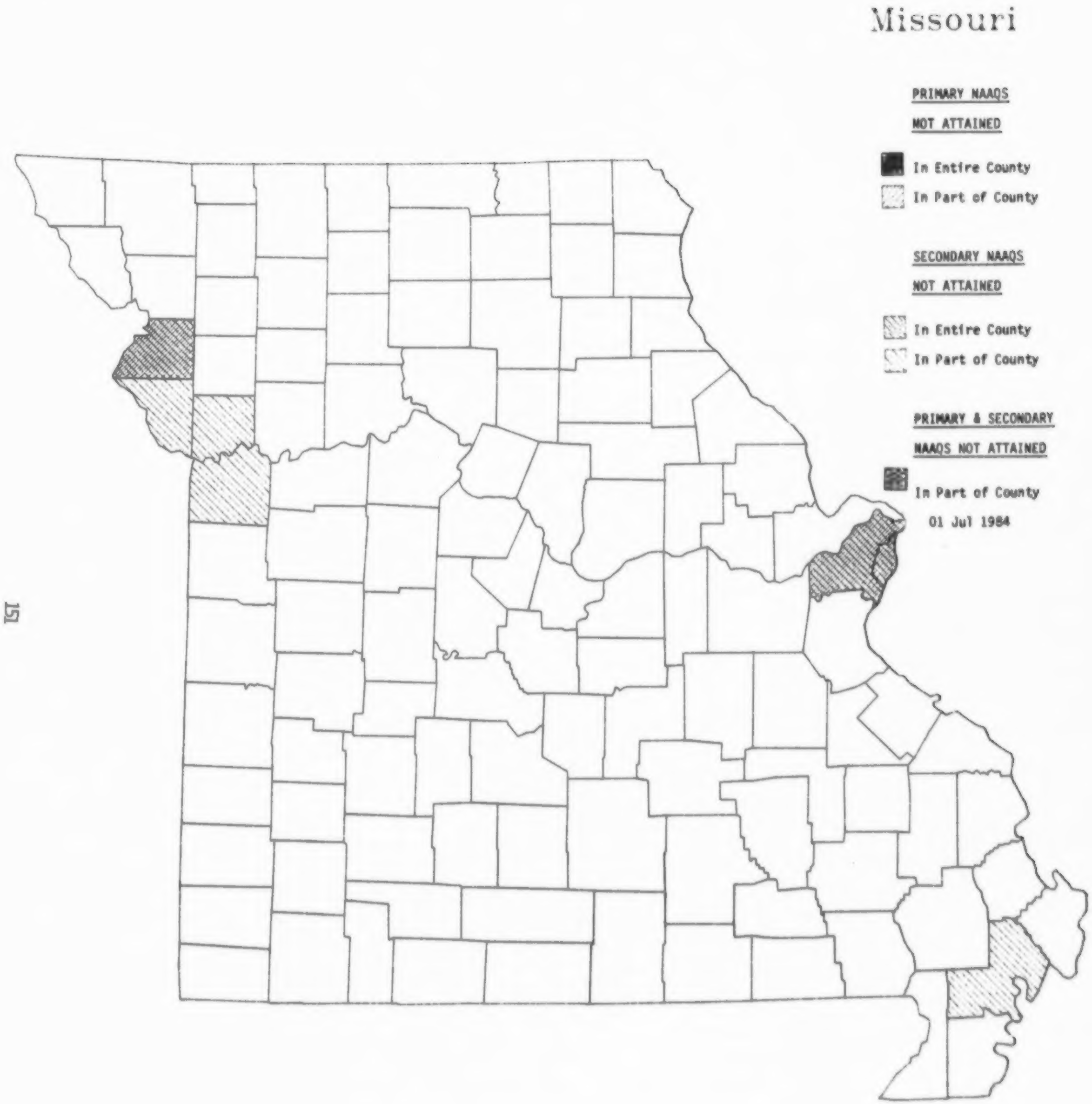
Ripley
Dunklin
Pemiscot
Mc Donald
Barry
Stone
Taney


Missouri
PRIMARY NAAQS NOT ATTAINED
▨ In Entire County
▨ In Part of County
SECONDARY NAAQS NOT ATTAINED
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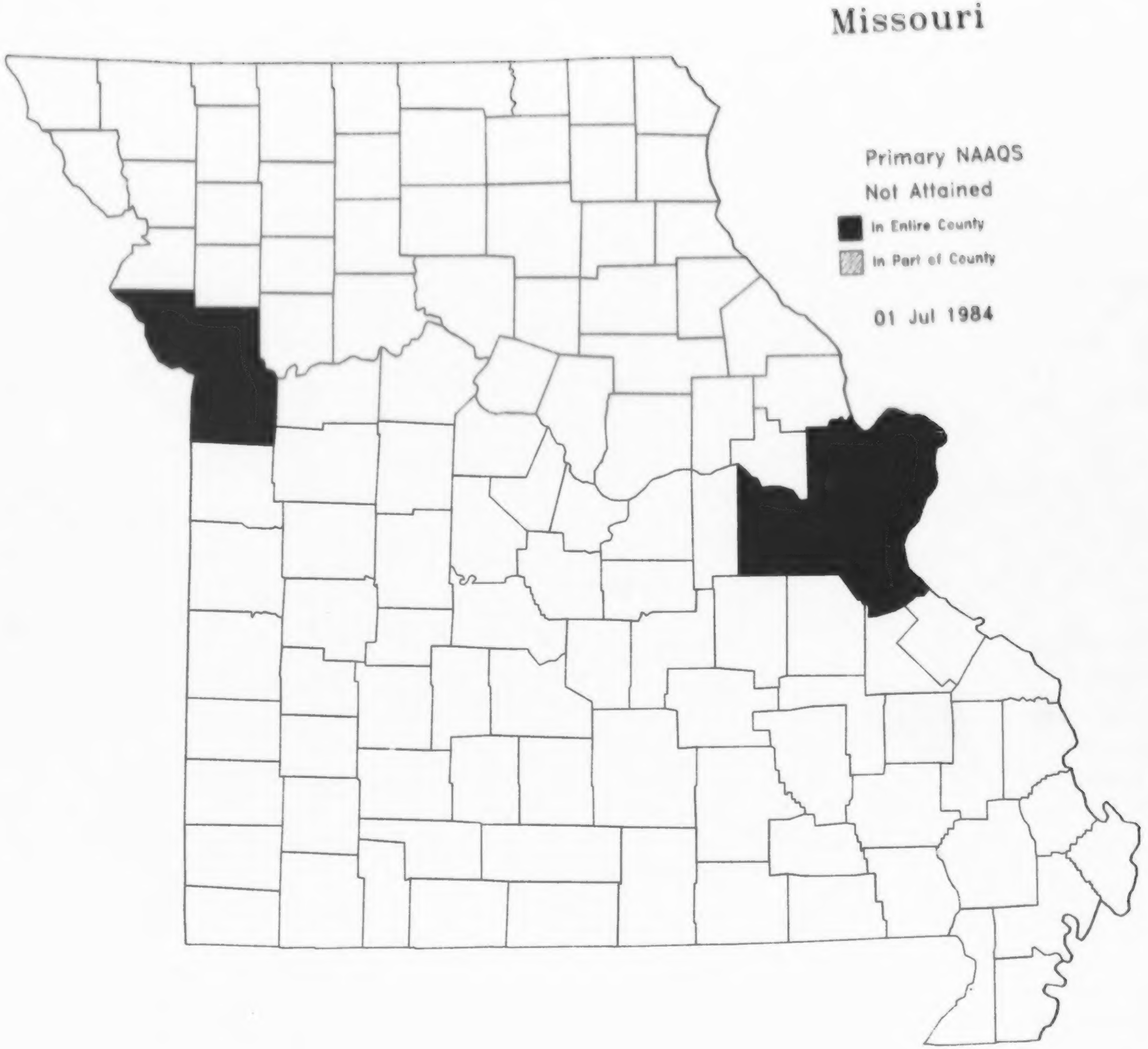
PRIMARY & SECONDARY NAAQS NOT ATTAINED
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984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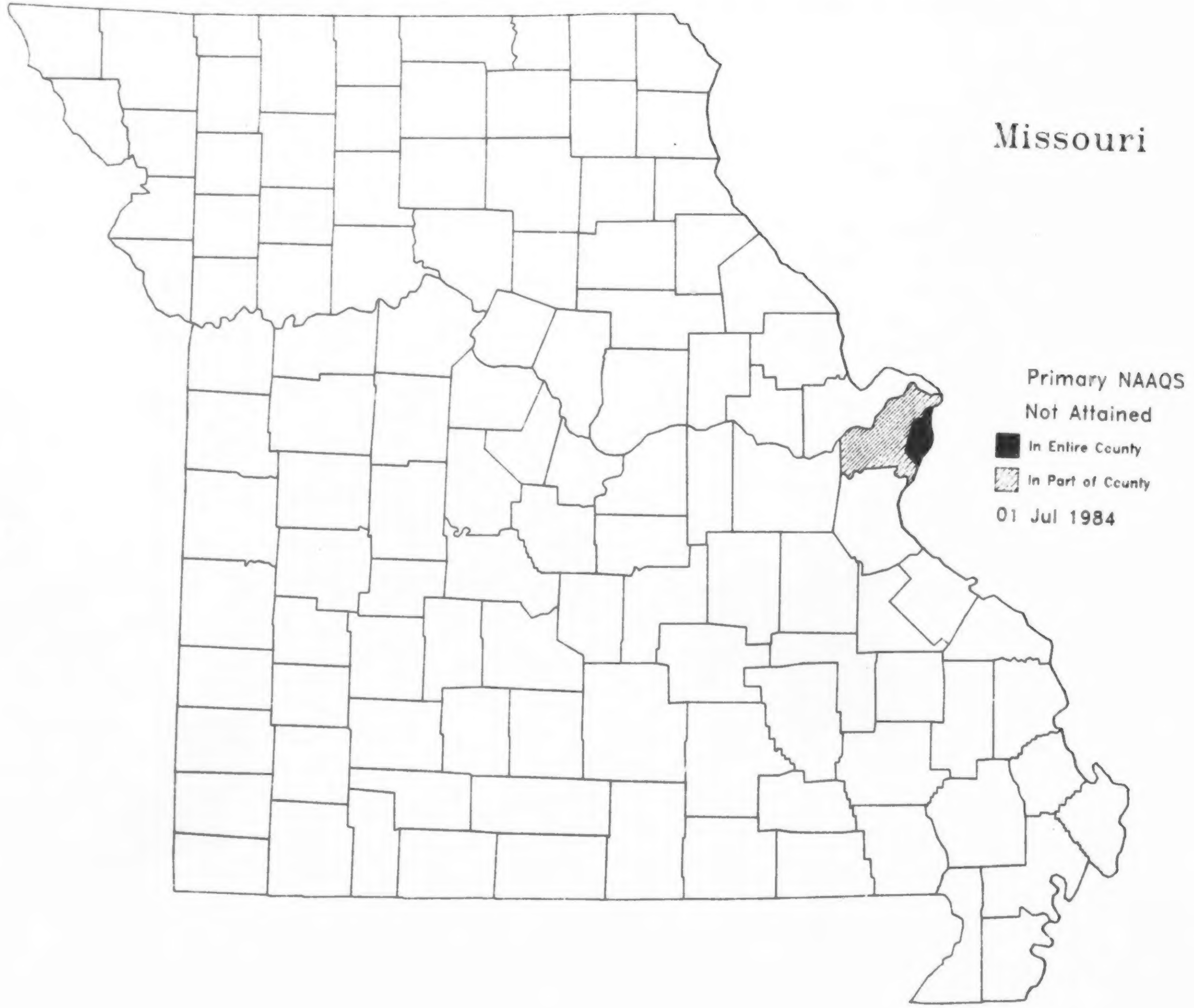
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


Missouri
Primary NAAQS
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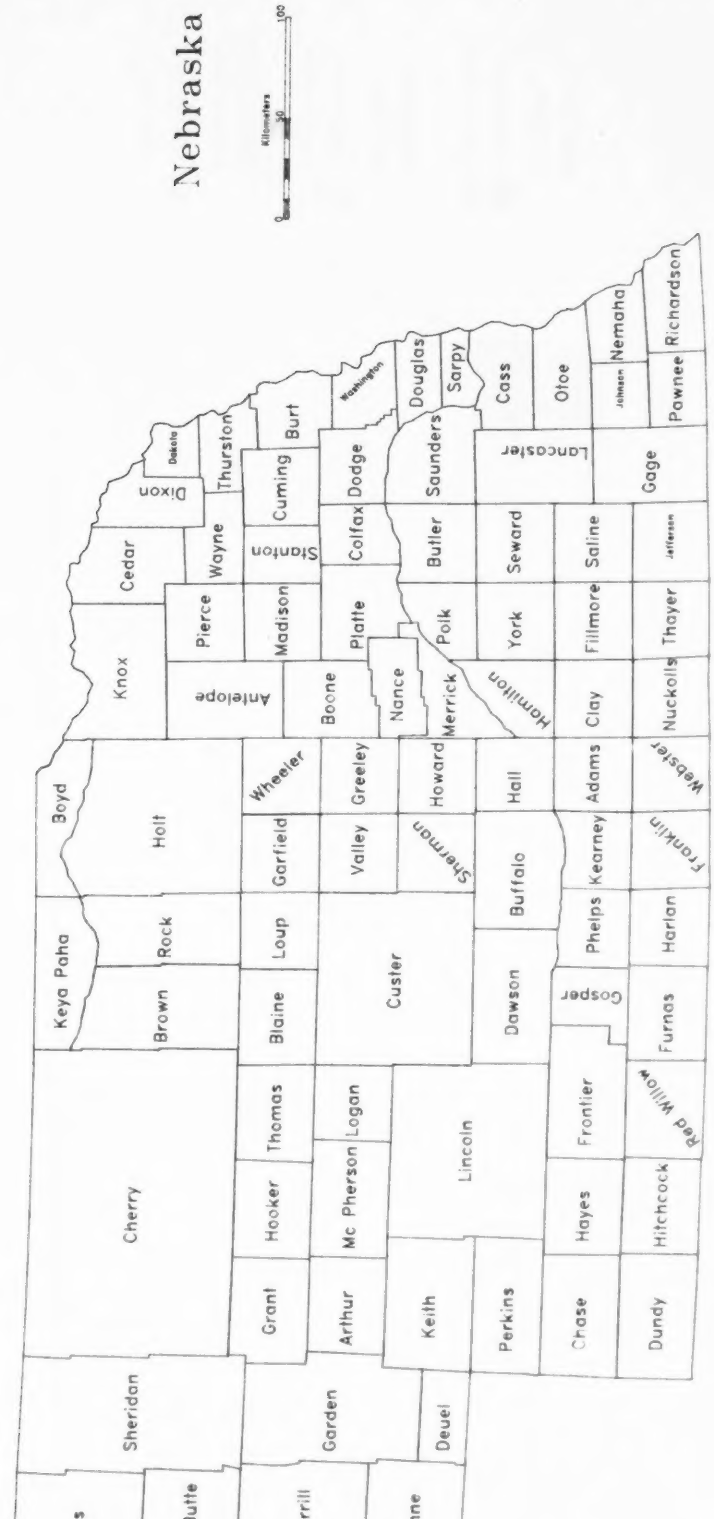
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984



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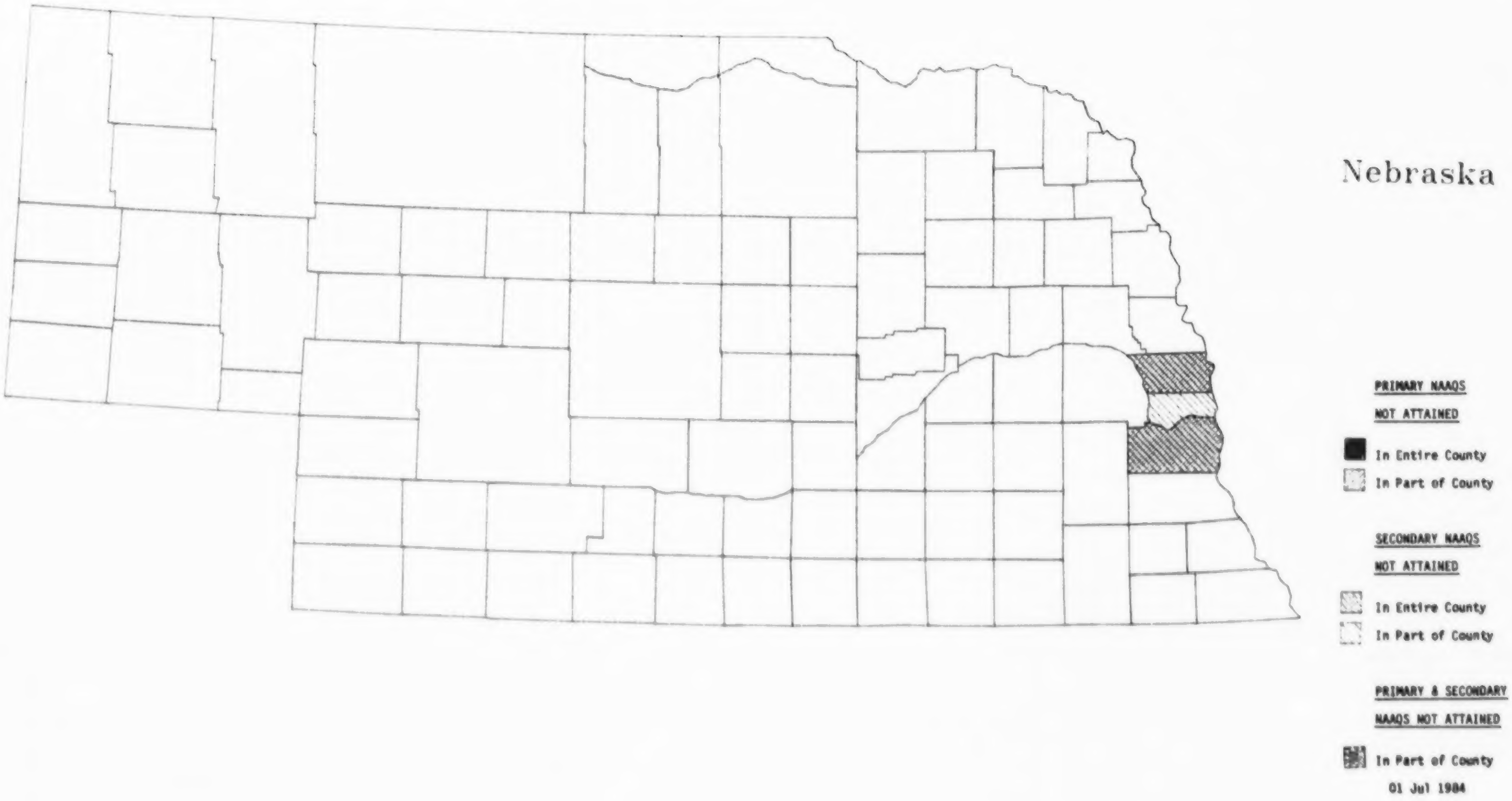
50
100
Sioux
Dawes
Sheridan
Cherry
Keya Paha
Boyd
Holt
Knox
Cedar
Dixon
Dakota
Thurston
Burt
Washington
Douglas
Sarpy
Cass
Otoe
Nemaha
Richardson
Pawnee
Johnson
Gage
Lancaster
Saunders
Dodge
Cuming
Wayne
Pierce
Madison
Stanton
Colfax
Platte
Antelope
Boone
Nance
Butler
Polk
Seward
Saline
Jefferson
York
Fillmore
Thayer
Hamilton
Merrick
Clay
Nuckolls
Wheeler
Greeley
Howard
Hall
Adams
Webster
Garfield
Valley
Sherman
Buffalo
Kearney
Franklin
Rock
Brown
Loup
Blaine
Custer
Dawson
Phelps
Harlan
Gosper
Furnas
Thomas
Logan
Lincoln
Frontier
Red Willow
Hooker
Mc Pherson
Hayes
Hitchcock
Grant
Arthur
Keith
Perkins
Chase
Dundy
Garden
Deuel
Box Butte
Morrill
Cheyenne
Scotts Bluff
Banner
Kimball

CPDD OAQPS


Nebraska
PRIMARY NAAQS NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS NOT ATTAINED
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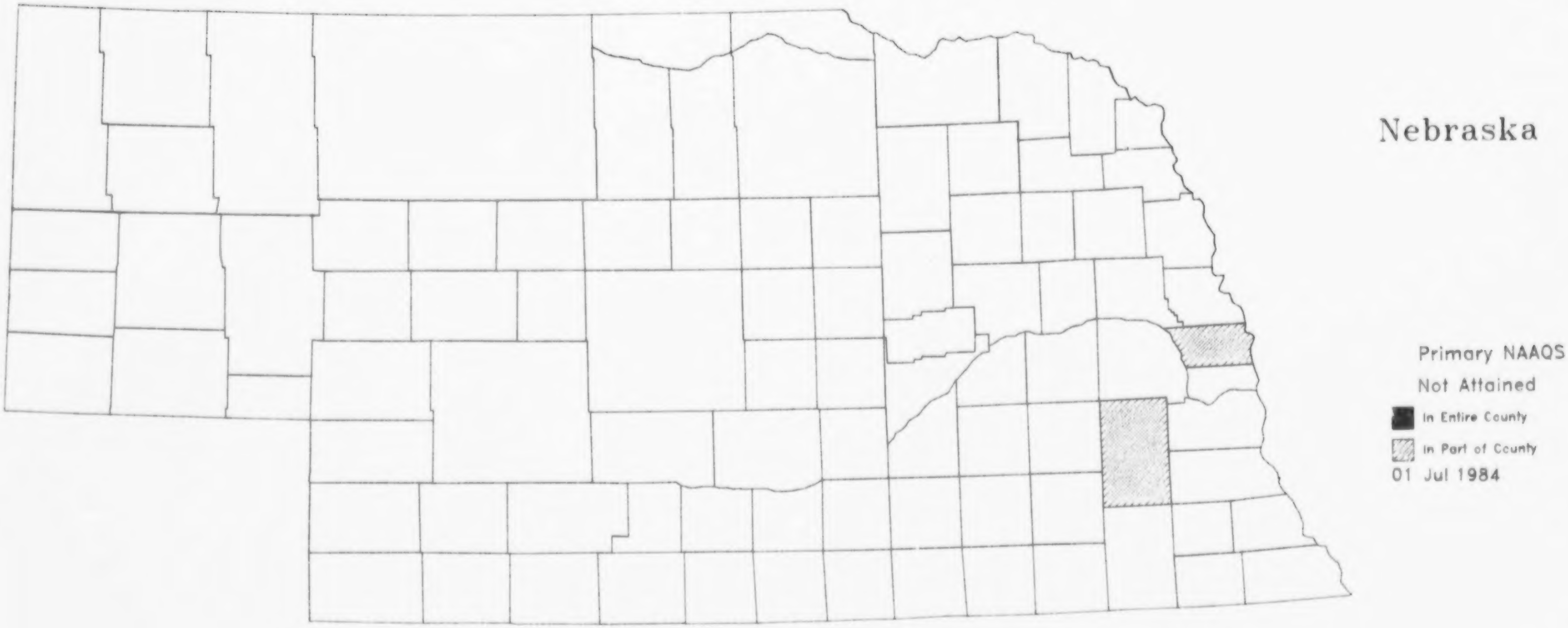
In Part of County
PRIMARY & SECONDARY NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Nebraska
Primary NAAQS
Not Attained
In Entire County
In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Region VIII

Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming

Air Programs Branch
EPA Region VIII
1860 Lincoln Street
Denver, Colorado 80295
FTS: 564-3471

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
COLORADO

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Adams Co	245,944	P				P		P
Arapahoe Co	293,621	P				P		P
Boulder Co	189,625		P			P		P
Denver Co	492,365	[illegible]				W		W
Douglas Co	25,153	P				W		W
El Paso Co	309,424	P				P		
Jefferson Co	371,753	P				P		W
Larimer Co	149,184		P			P		
Mesa Co	81,530	P						
Weld Co	123,438		P			P		

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
MONTANA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Cascade Co	80,696		P			P		
Flat Head Co	51,966	P						
Lewis And Clark Co	43,039		P	P				
Missoula Co	76,016	P				P		
Rosebud Co	9,899	P						
Silver Bow Co	38,092	P						
Yellowstone Co	108,035		P	P		P		

ALL COUNTIES MEET THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
NORTH DAKOTA

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARD
FOR
SOUTH DAKOTA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
Pennington Co	70,361	P						

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best available copy.

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR UTAH

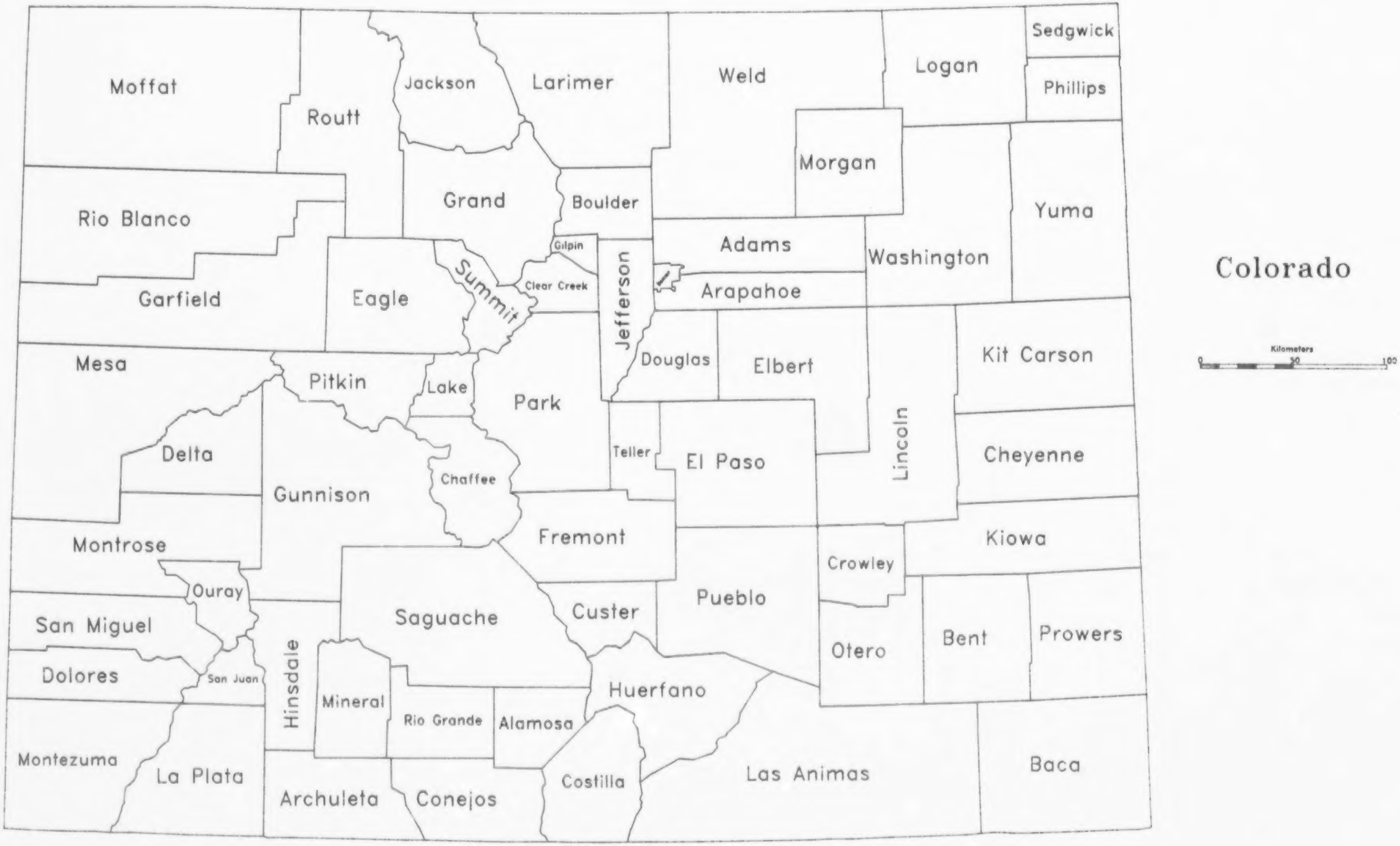
COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Davis Co	146,540							W
Salt Lake Co	619,066	P		W		P		W
Tooele Co	26,033			P				
Utah Co	218,106	P				P		
Weber Co	144,616					P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WYOMING

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
Sweetwater Co	41,723		P					

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

Colorado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Jackson
Larimer
Weld
Logan
Sedgwick
Phillips
Rio Blanco
Grand
Boulder
Morgan
Yuma
Gilpin
Adams
Washington
Garfield
Eagle
Summit
Clear Creek
Jefferson
Arapahoe
Mesa
Pitkin
Lake
Park
Douglas
Elbert
Kit Carson
Delta
Chaffee
Teller
El Paso
Lincoln
Cheyenne
Gunnison
Montrose
Fremont
Kiowa
Crowley
Ouray
Custer
Pueblo
San Miguel
Saguache
Bent
Prowers
Otero
Dolores
San Juan
Hinsdale
Mineral
Rio Grande
Alamosa
Huerfano
Montezuma
La Plata
Archuleta
Conejos
Costilla
Las Animas
Baca
Kilometers
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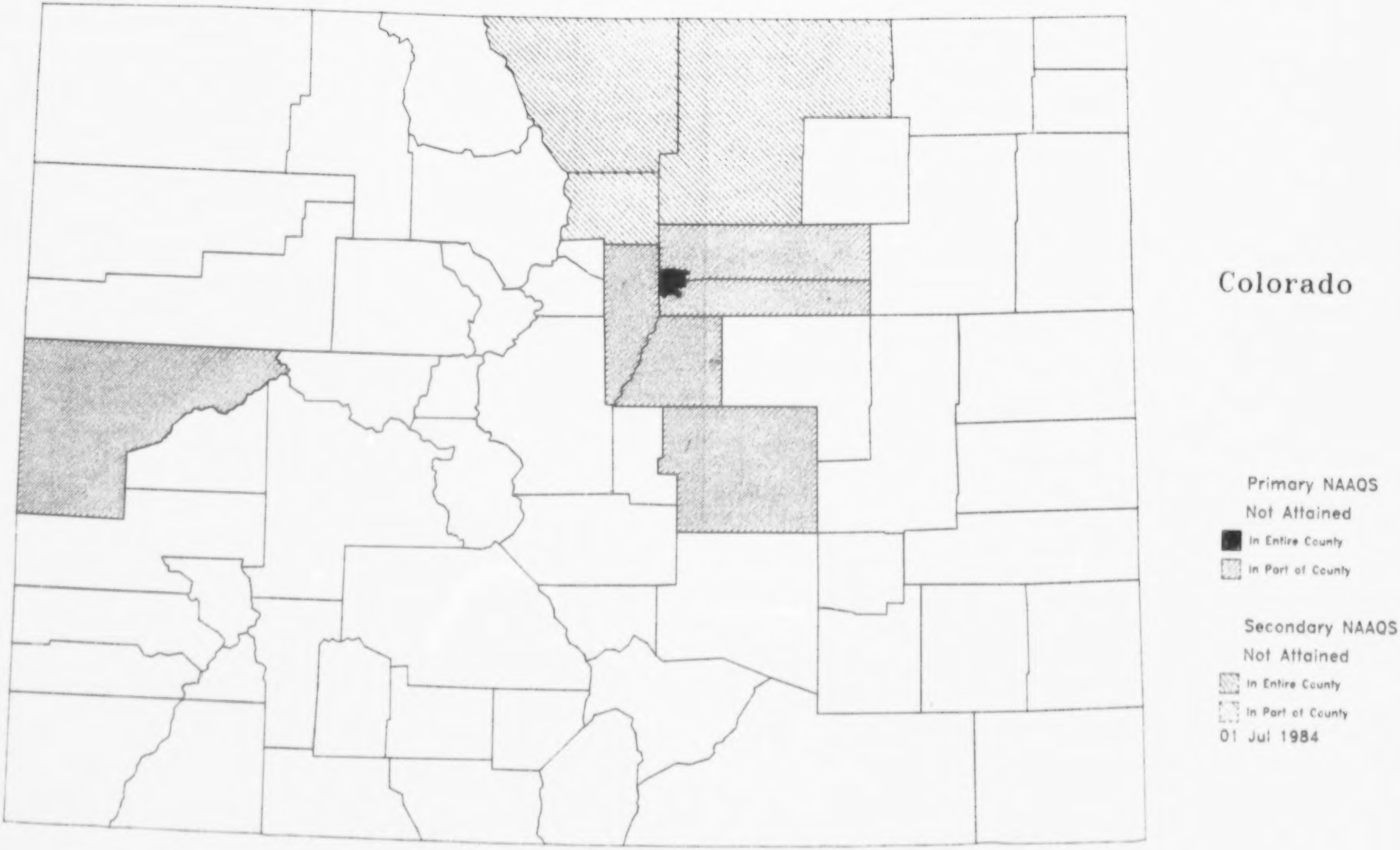

Colorado
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
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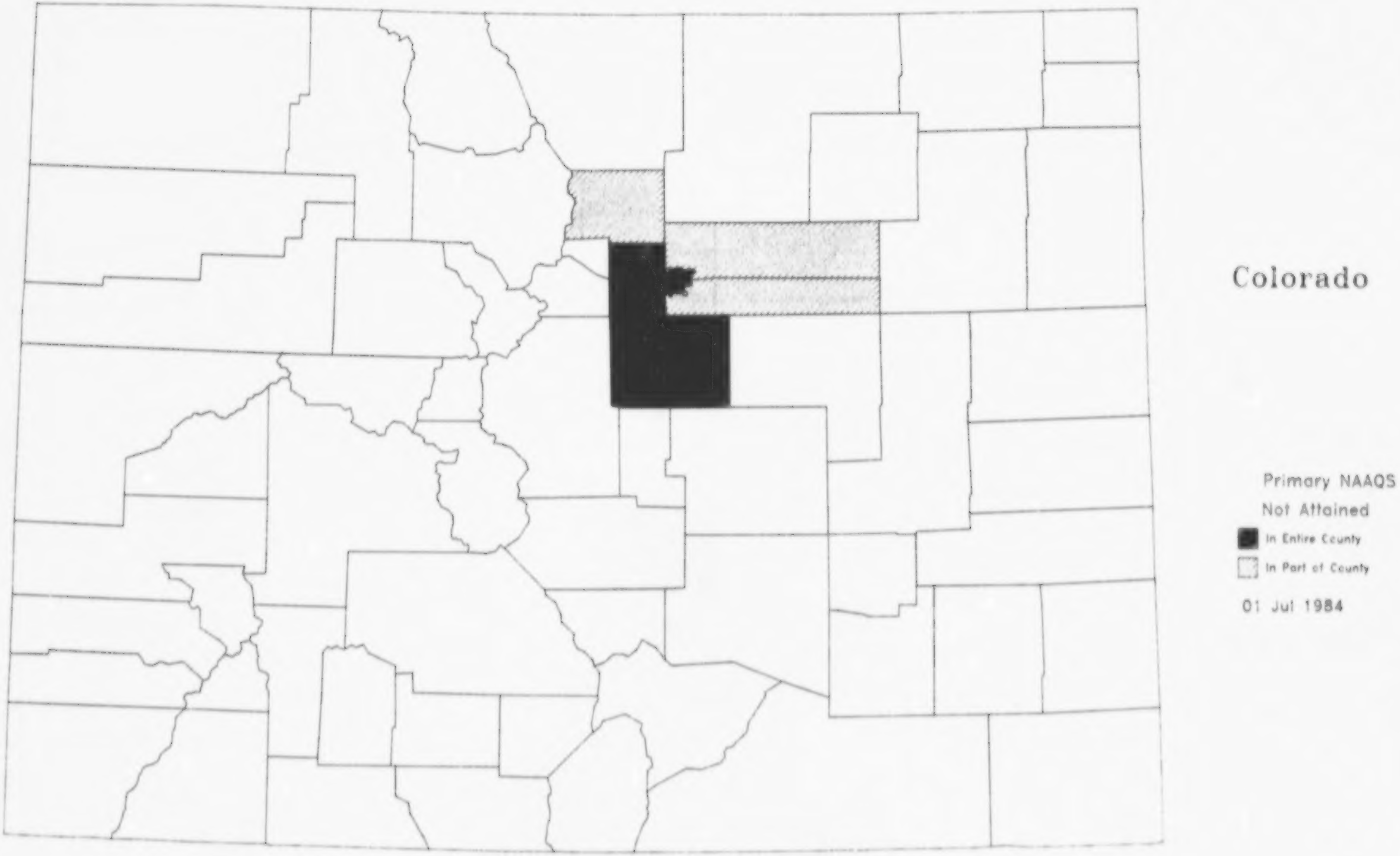
In Entire County
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984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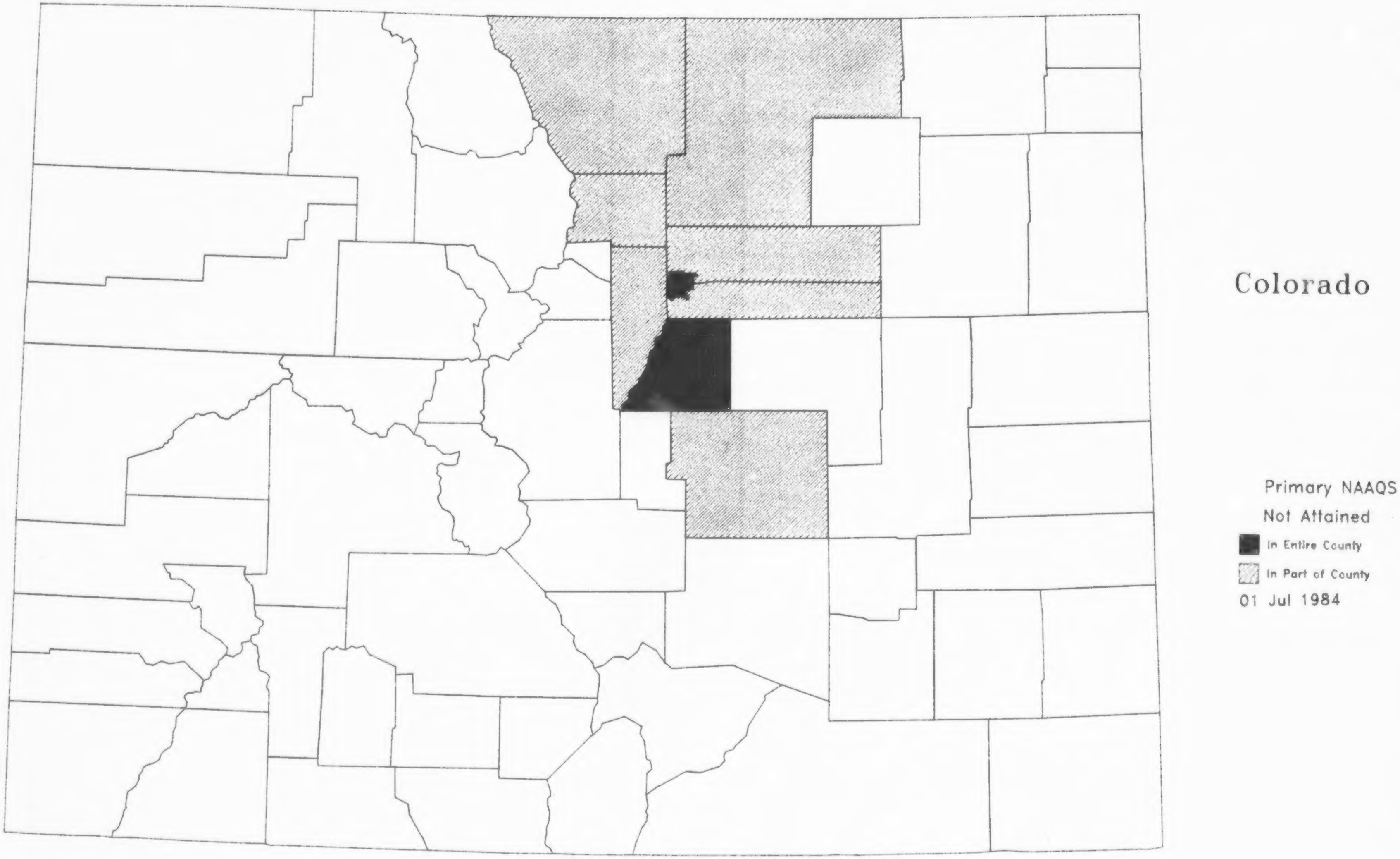
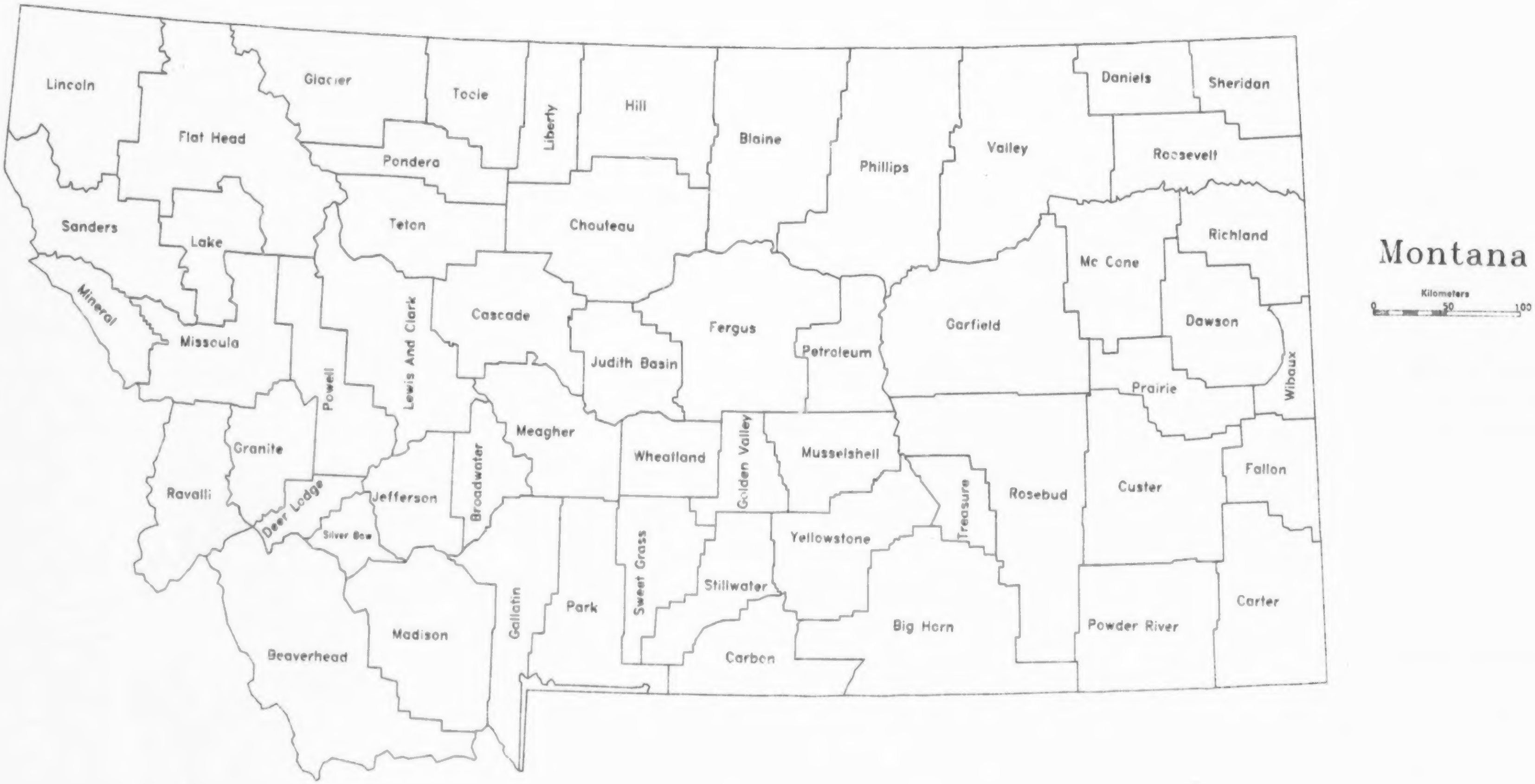
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties – 1984


Colorado
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Montana


Kilometers
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Lincoln
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Glacier
Toole
Liberty
Hill
Blaine
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Valley
Daniels
Sheridan
Roosevelt
Sanders
Lake
Pondera
Teton
Chouteau
Richland
Mc Cone
Mineral
Missoula
Cascade
Fergus
Petroleum
Garfield
Dawson
Judith Basin
Prairie
Wibaux
Powell
Lewis And Clark
Granite
Meagher
Wheatland
Golden Valley
Musselshell
Ravalli
Deer Lodge
Jefferson
Broadwater
Silver Bow
Treasure
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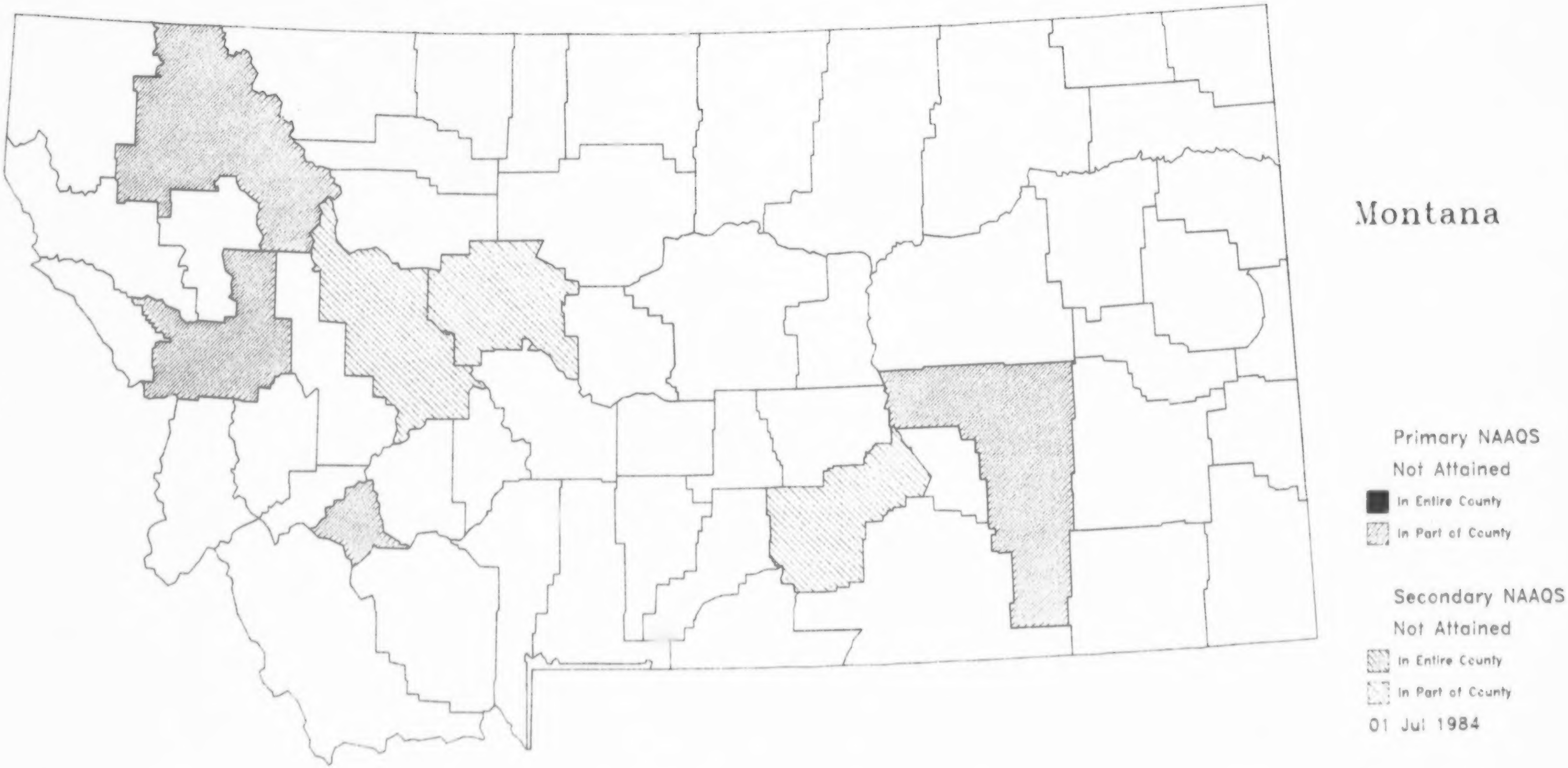
Montana
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Secondary NAAQS
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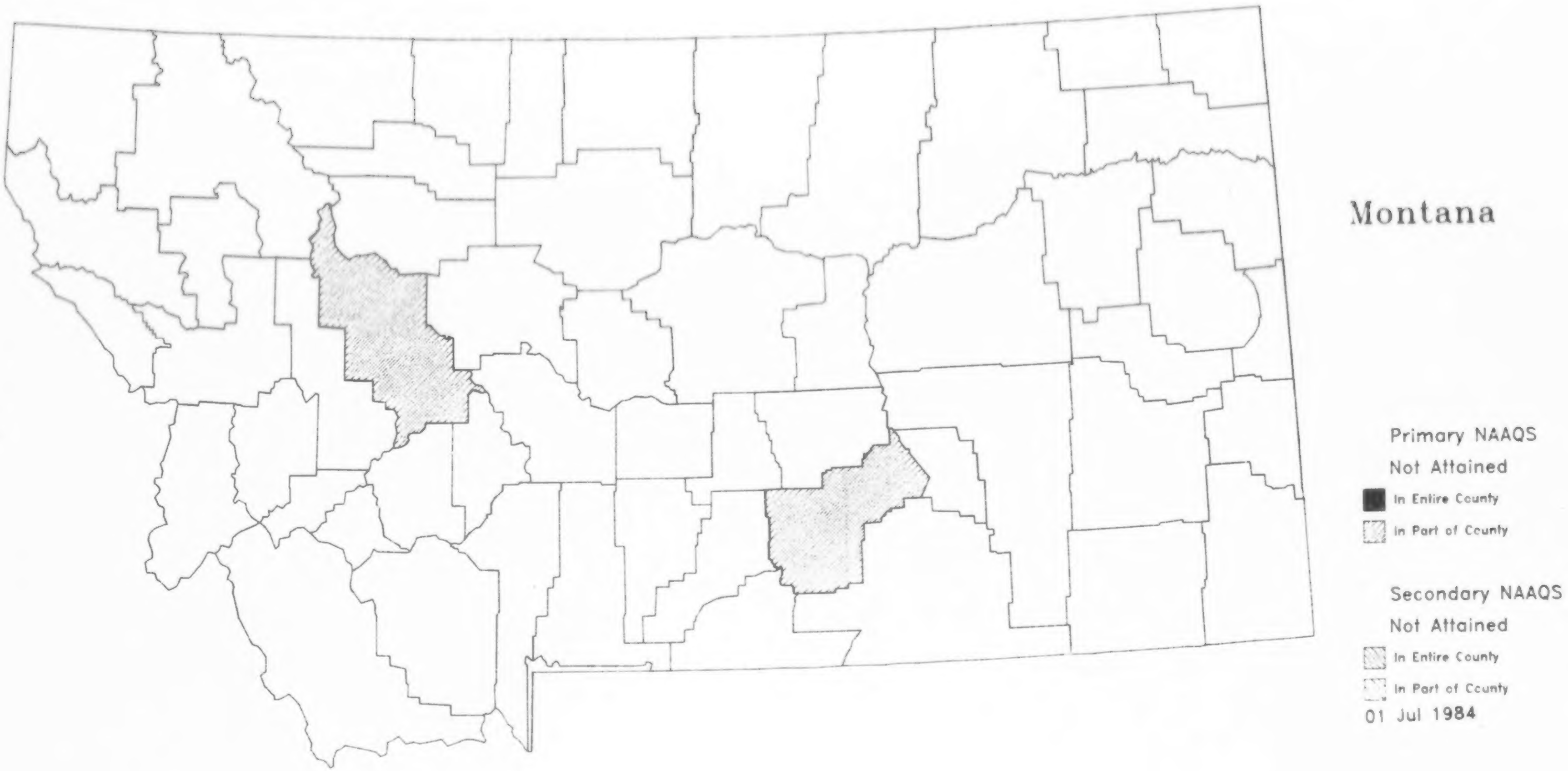
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Montana
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■ In Entire County
▨ In Part of County
Secondary NAAQS
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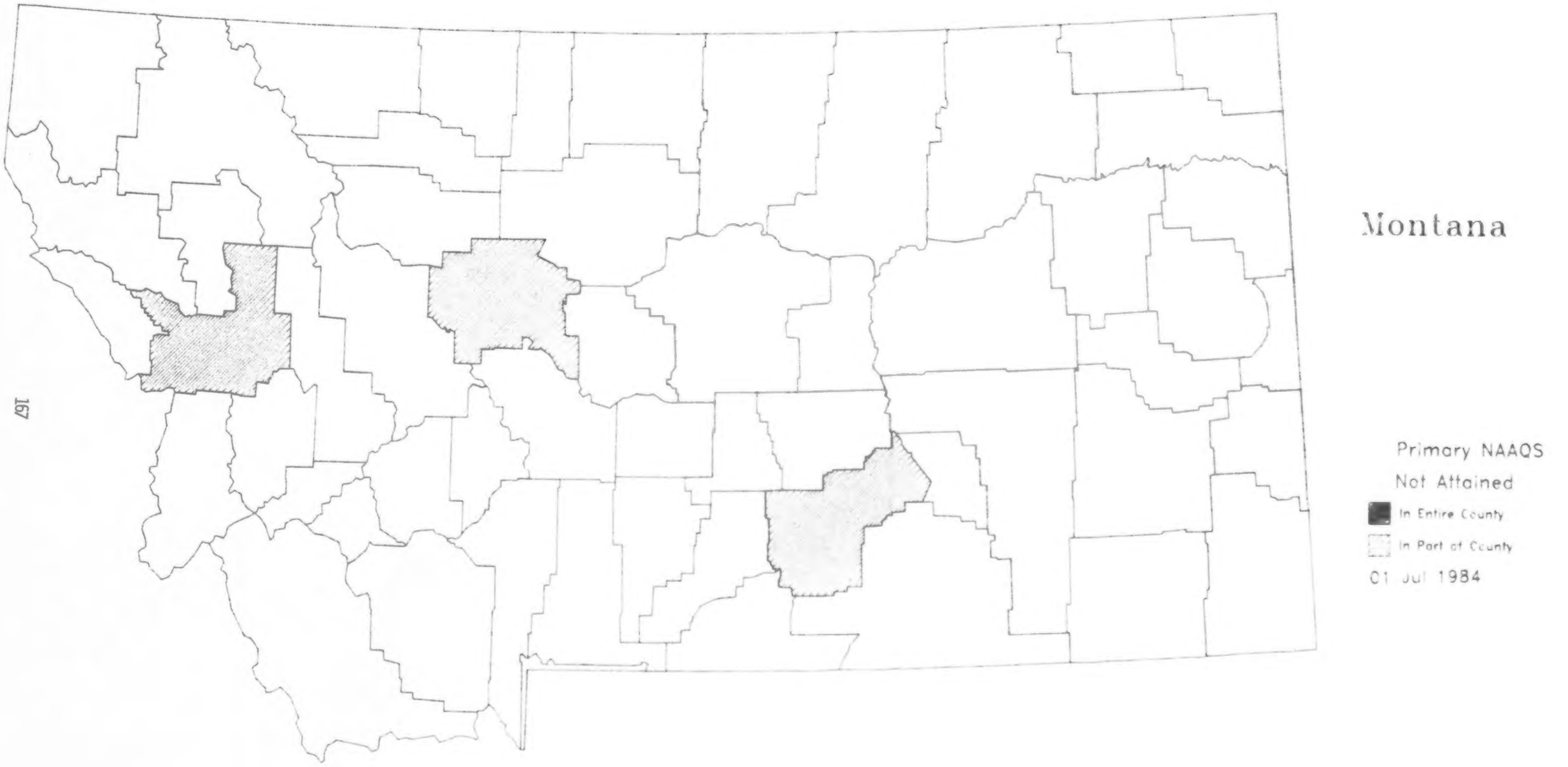
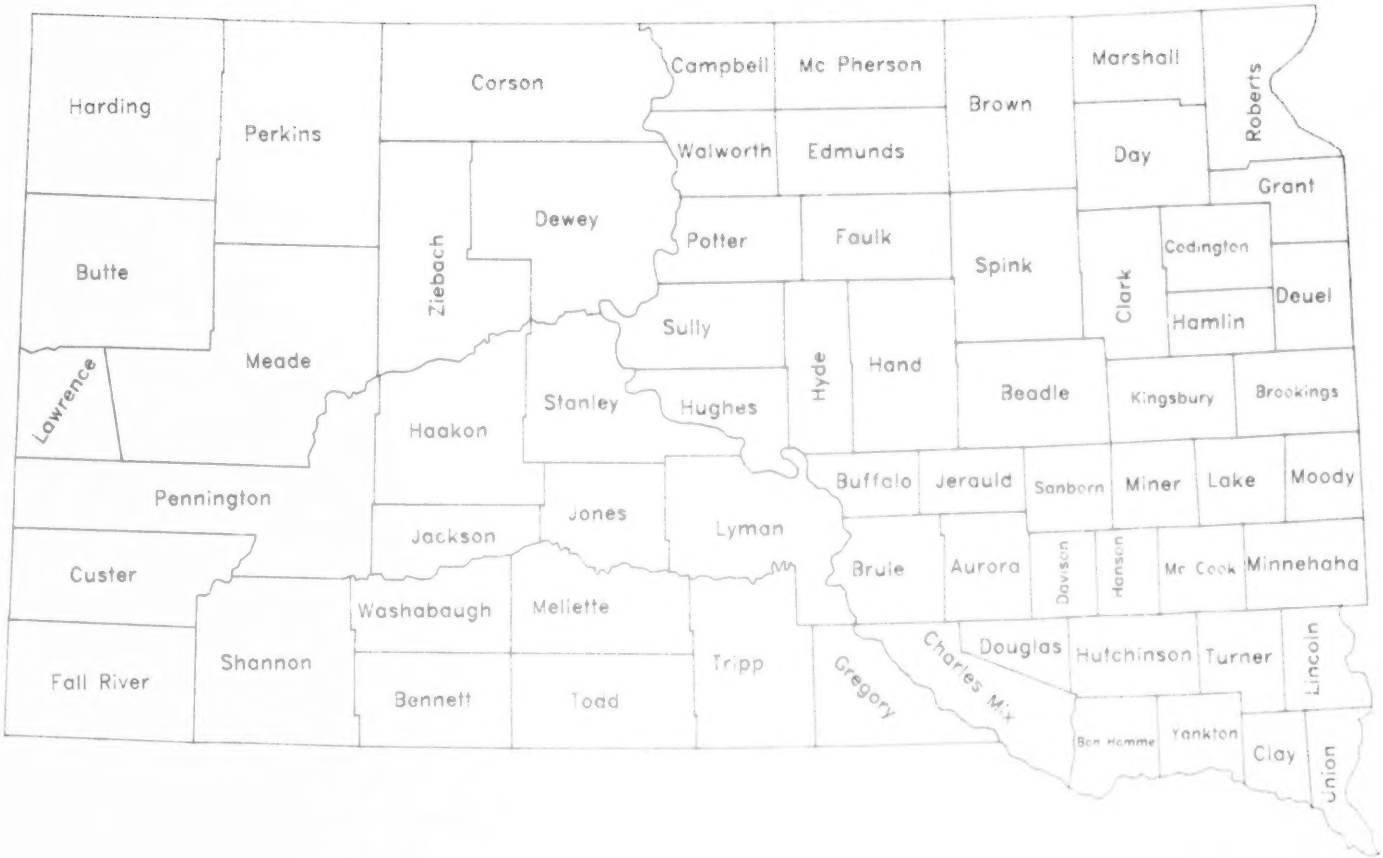
☐ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984


Montana
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

South Dakota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Perkins
Corson
Campbell
Mc Pherson
Brown
Marshall
Roberts
Walworth
Edmunds
Day
Grant
Butte
Ziebach
Dewey
Potter
Faulk
Spink
Clark
Codington
Deuel
Hamlin
Sully
Lawrence
Meade
Hyde
Hand
Beadle
Kingsbury
Brookings
Stanley
Hughes
Haakon
Buffalo
Jerauld
Sanborn
Miner
Lake
Moody
Pennington
Jones
Lyman
Jackson
Custer
Brule
Aurora
Davison
Hanson
Mc Cook
Minnehaha
Washabaugh
Mellette
Shannon
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Turner
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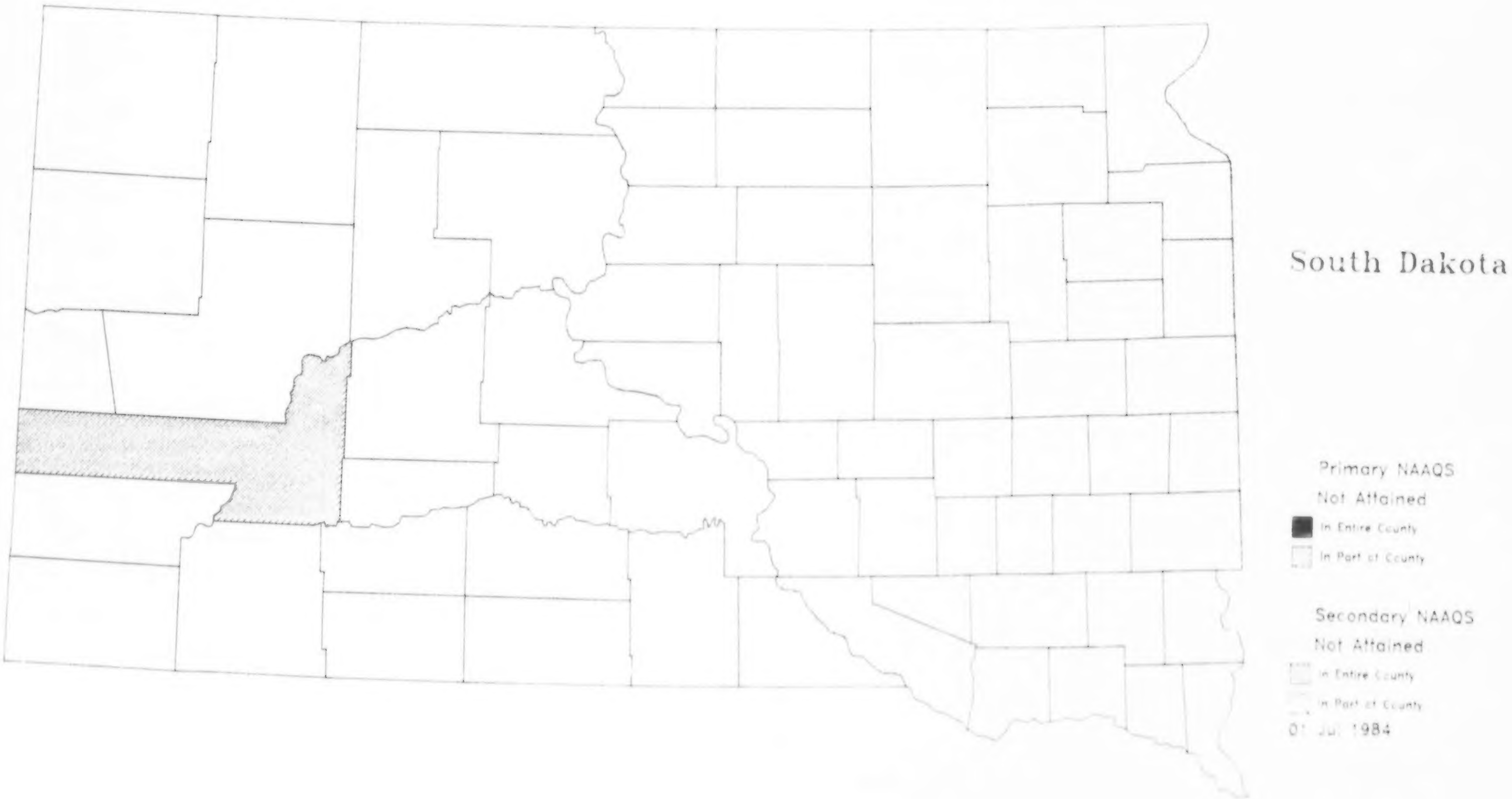
Fall River
Tripp
Gregory
Charles Mix
Bennett
Todd
Bon Homme
Yankton
Clay
Union


South Dakota
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■ In Entire County
☐ In Part of County
Secondary NAAQS
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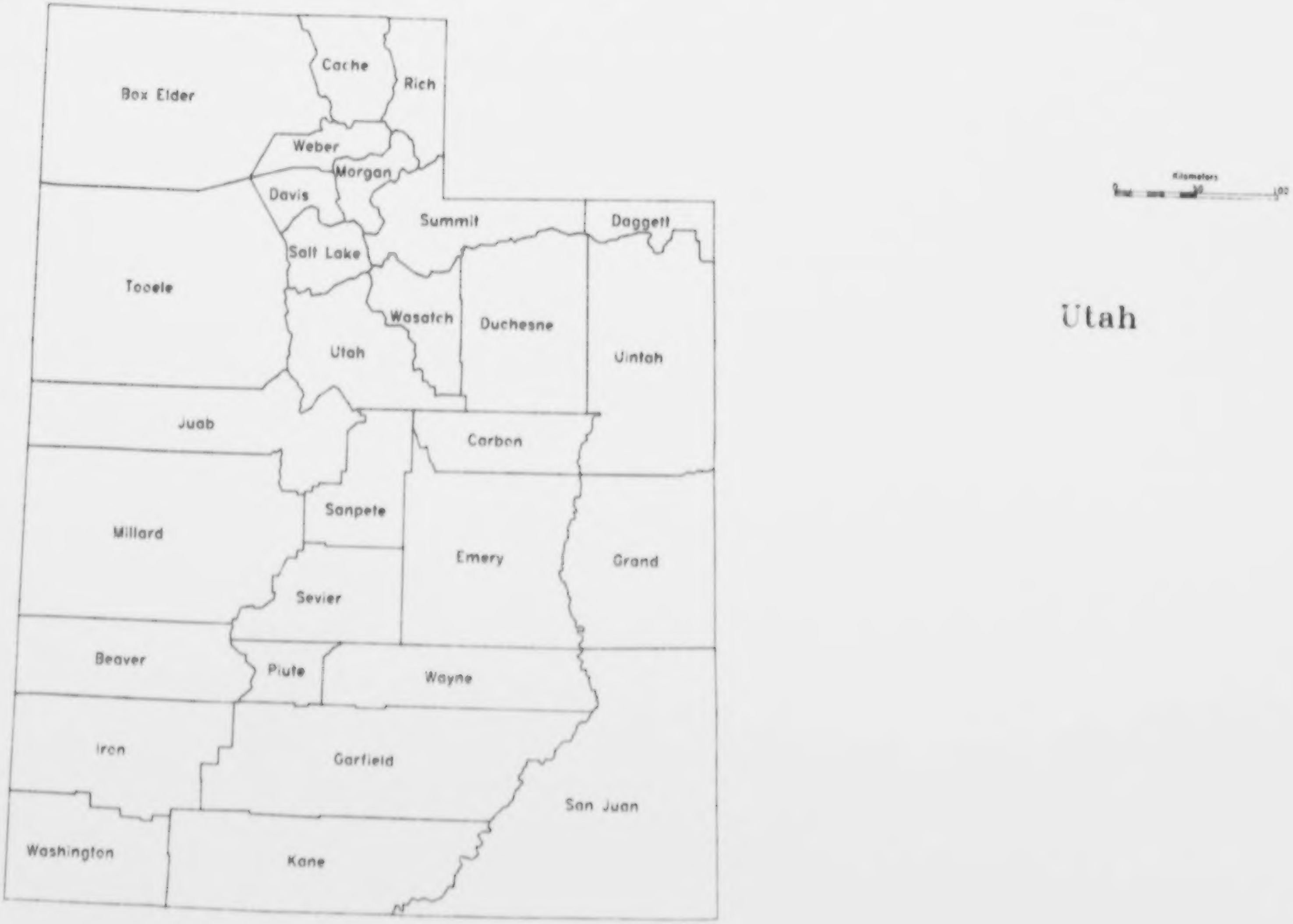
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Utah

Kilometers
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50
100
Box Elder
Cache
Rich
Weber
Morgan
Davis
Summit
Daggett
Salt Lake
Tooele
Wasatch
Duchesne
Uintah
Utah
Juab
Carbon
Sanpete
Millard
Emery
Grand
Sevier
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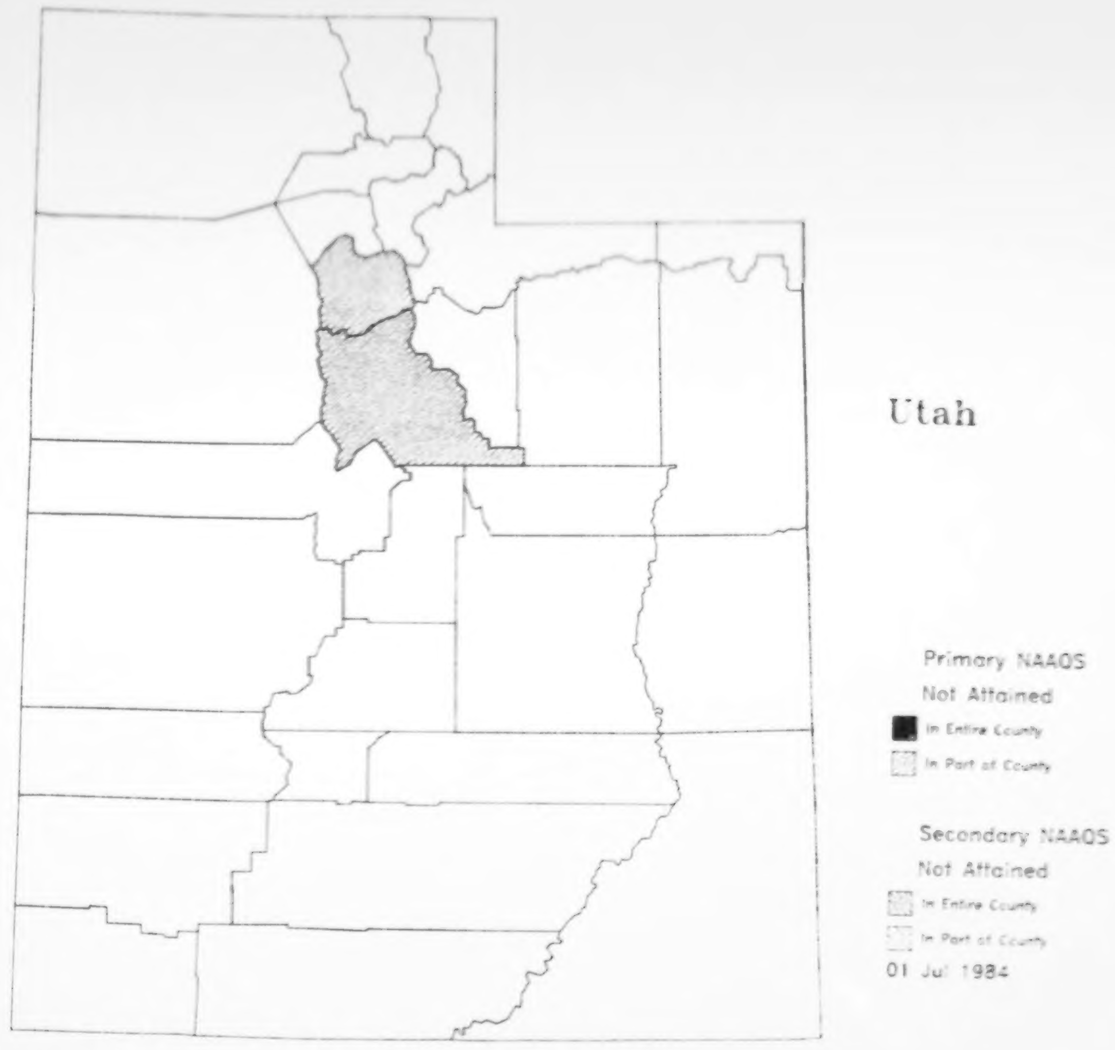
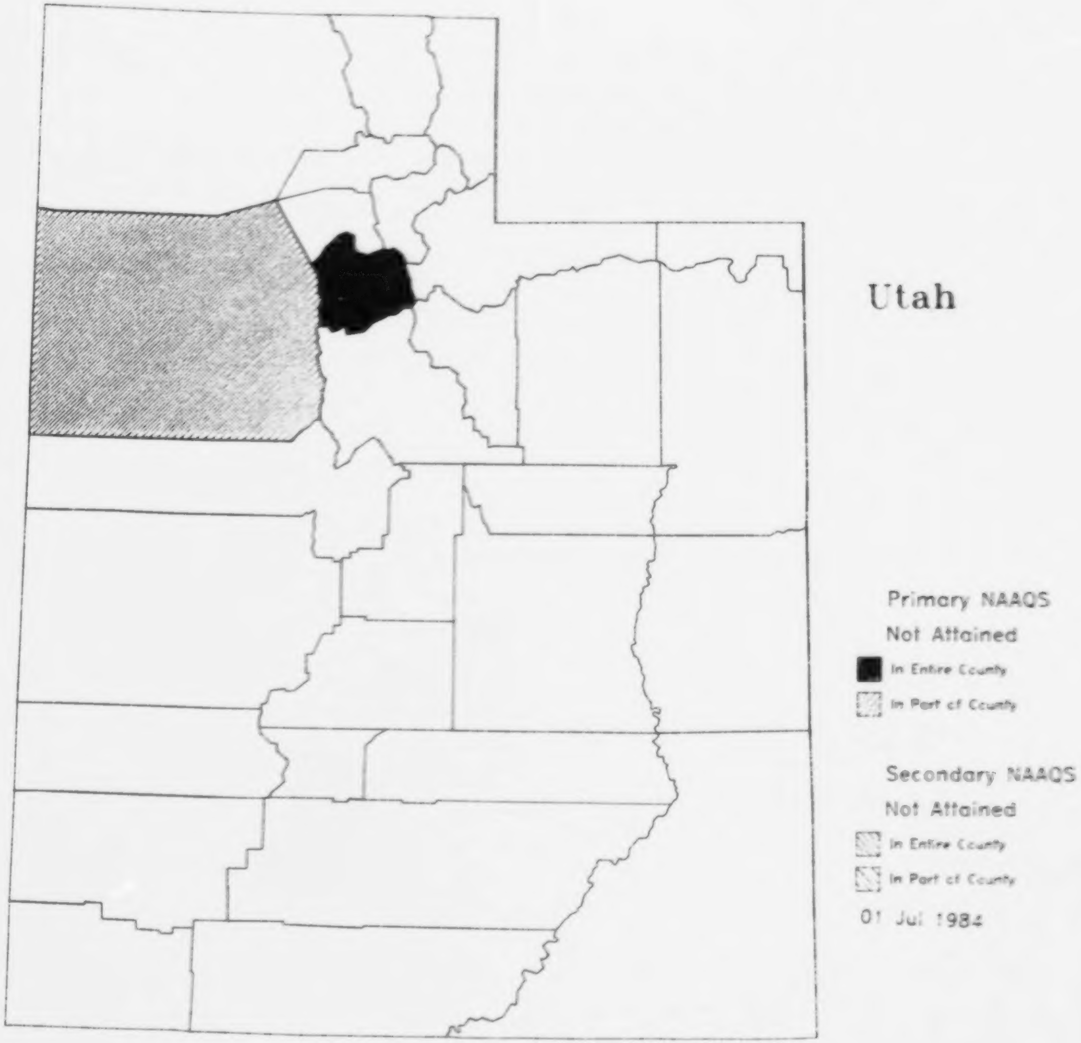
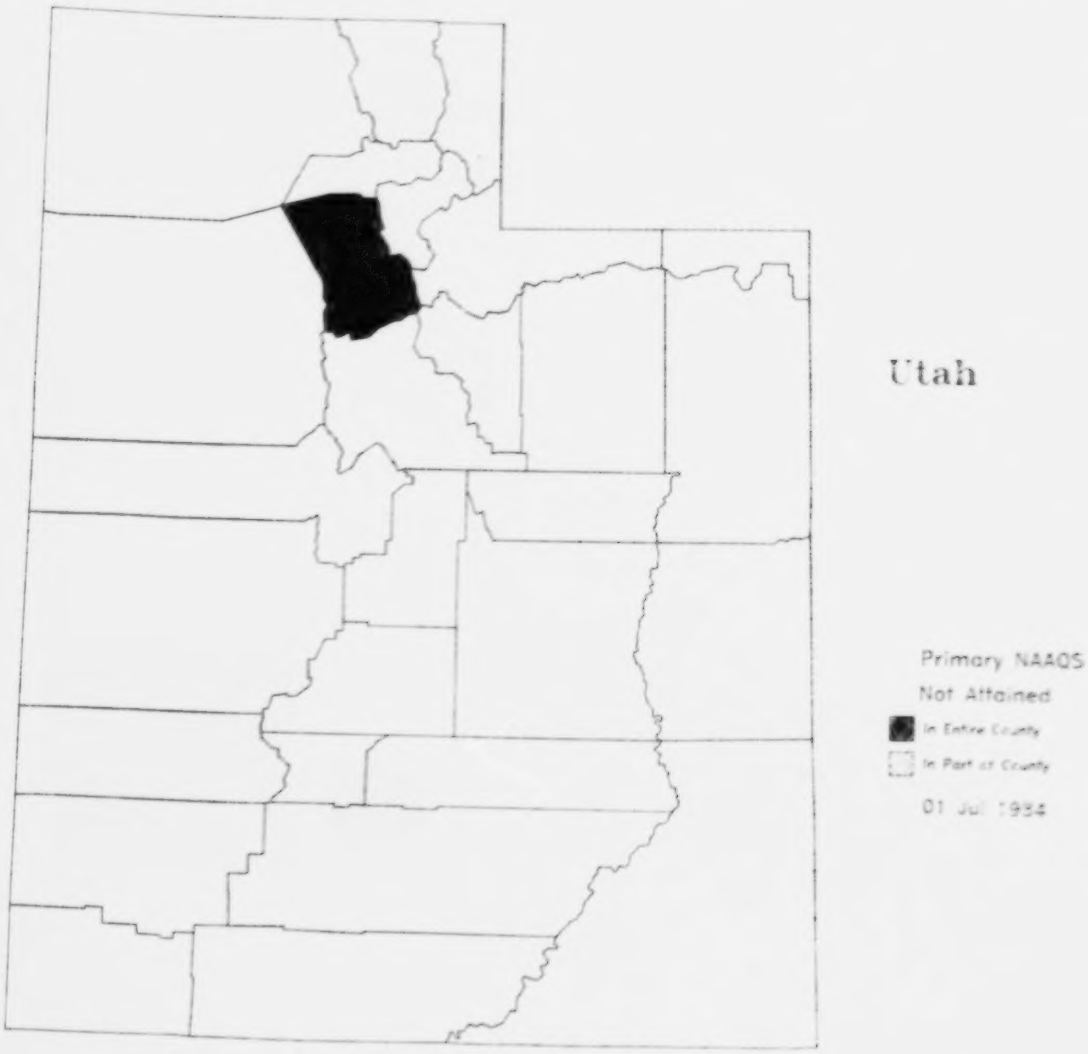
Piute
Wayne
Iron
Garfield
San Juan
Washington
Kane


Utah
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties – 1984


Utah
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties – 1984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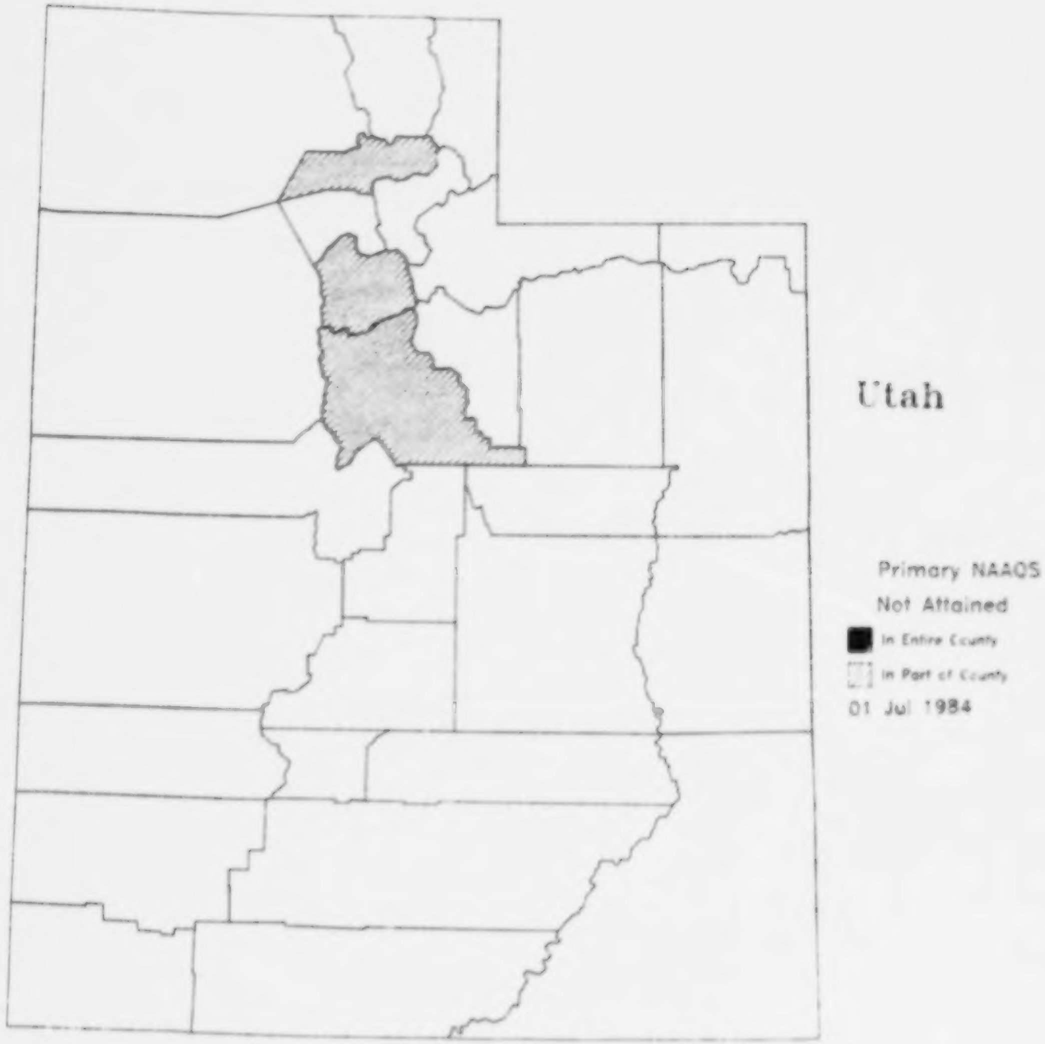
● In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


Utah
Primary NAAQS
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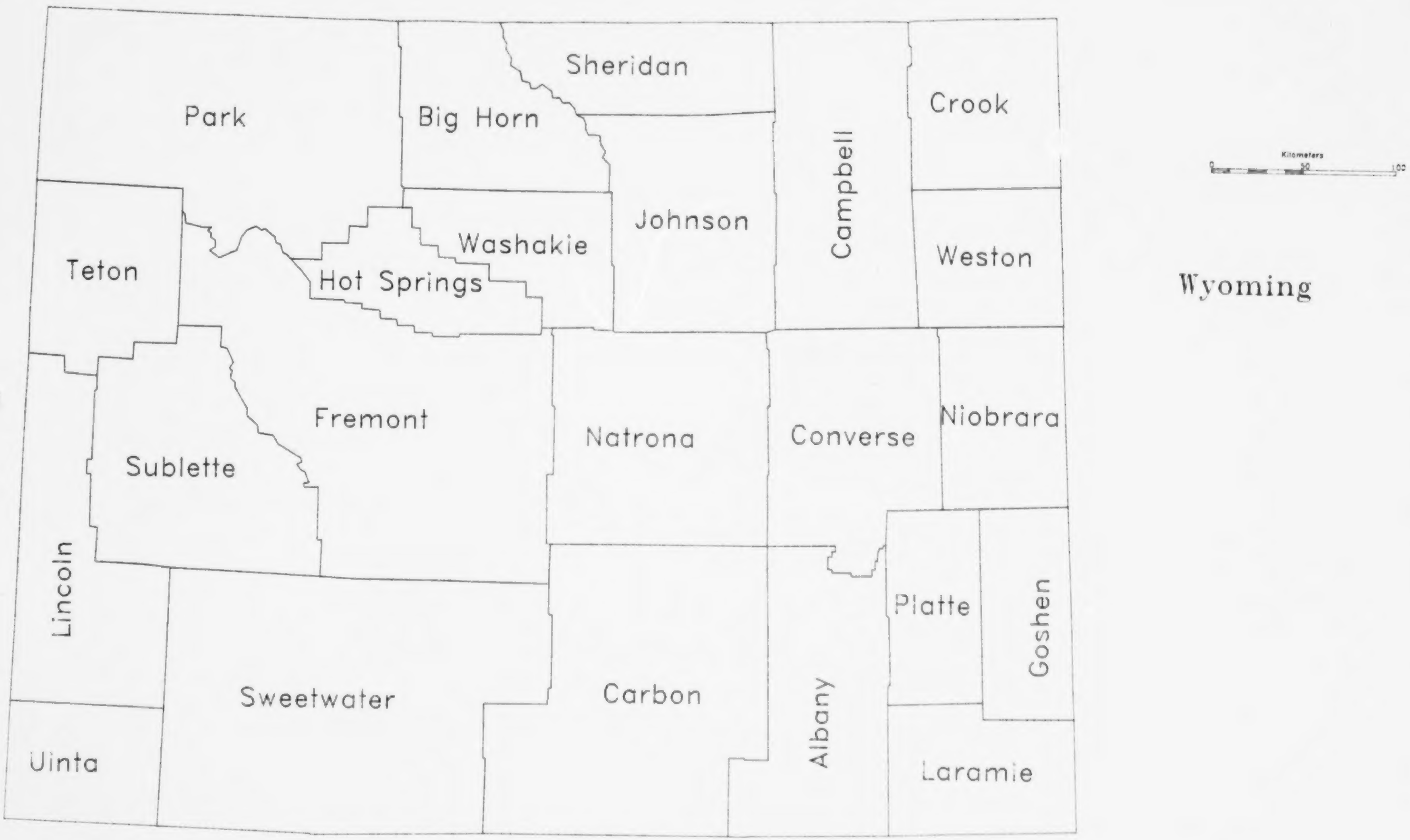
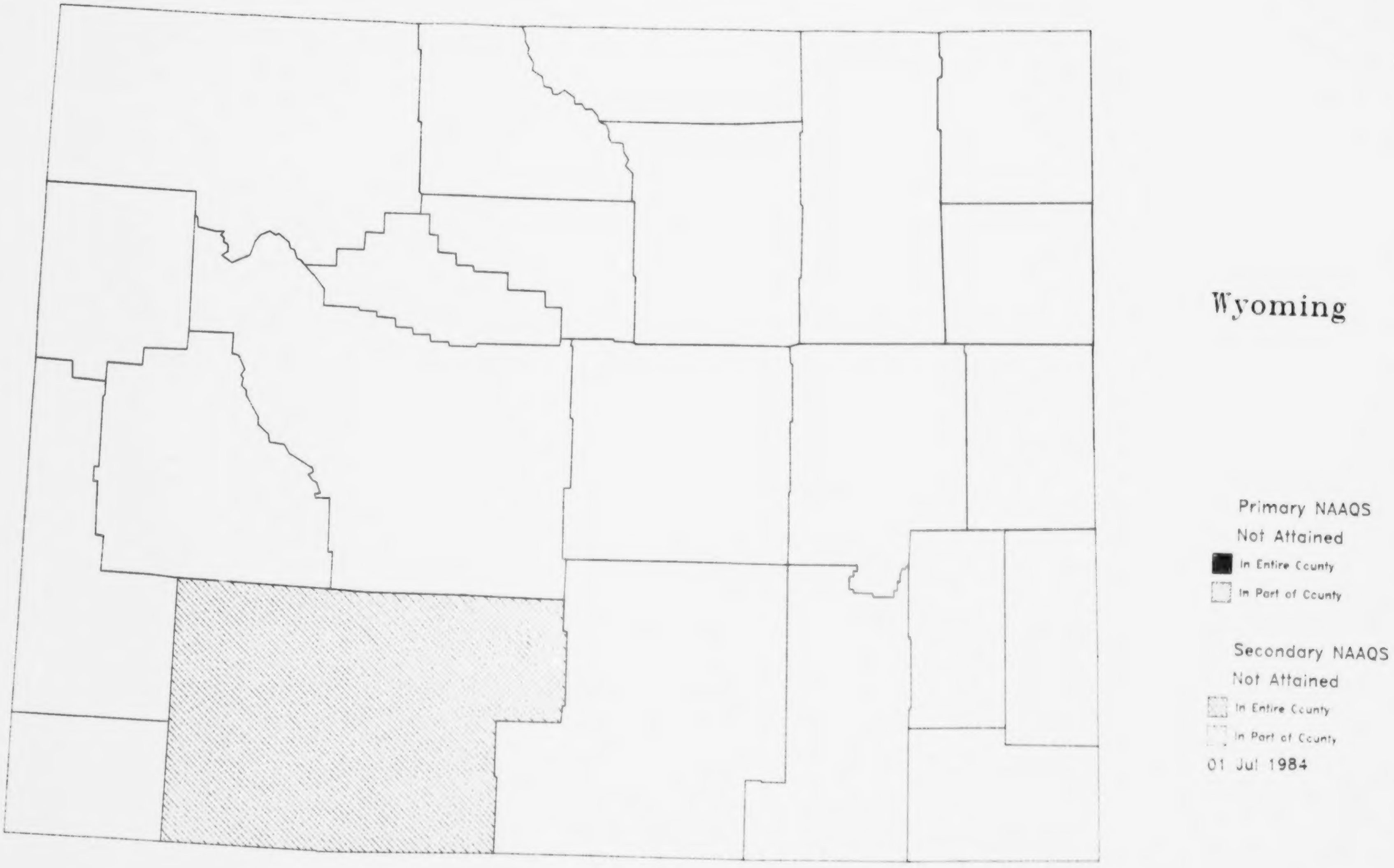
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties — 1984


Park
Big Horn
Sheridan
Crook
Campbell
Johnson
Washakie
Hot Springs
Teton
Weston
Fremont
Natrona
Converse
Niobrara
Sublette
Lincoln
Platte
Goshen
Sweetwater
Carbon
Albany
Uinta
Laramie
Kilometers
0
50
100

Wyoming


Wyoming
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties -- 1984

Region IX

American Samoa, Arizona, California, Guam, Hawaii, Nevada, Northern Mariana Islands

Air Programs Branch
EPA Region IX
215 Fremont Street
San Francisco, California 94105
(415) 974-8058

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ARIZONA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	O3
Cochise Co	85,686	P		P				
Coconino Co	75,008	P						
Gila Co	37,080	P		P				
Greenlee Co	11,406	P		P				
Maricopa Co	1,509,262	P				P		P
Navajo Co	67,629	P						
Pima Co	531,443	P		P		P		
Pinal Co	90,918	P		P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR CALIFORNIA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	O3
Alameda Co	1,105,379					P		P
Butte Co	143,651					P		P
Contra Costa Co	656,380					P		P
El Dorado Co	55,812					P		P
Fresno Co	514,229	W				P		P
Imperial Co	92,110							W
Kern Co	403,089	P				P		P
Kings Co	73,738	W						W
Los Angeles Co	7,477,503	P				P	P	W
Madera Co	63,116	W						W
Marin Co	222,592					W		W
Merced Co	134,558	W						W
Monterey Co	290,444							W
Napa Co	99,199					W		W
Orange Co	1,932,709	W				W	W	W
Placer Co	117,247					P		P
Riverside Co	663,199	P				P	P	P
Sacramento Co	783,381		W			P		W
San Benito Co	25,005							W
San Bernardino Co	895,016	P				P	P	P
San Diego Co	1,861,846	P				P		W
San Francisco Co	678,974					W		W
San Joaquin Co	347,342	W				W		W
San Luis Obispo Co	155,435		P					
San Mateo Co	587,329					W		W
Santa Barbara Co	298,694	P				P		W
Santa Clara Co	1,295,071		W			W		W
Santa Cruz Co	188,141							W
Solano Co	235,203					P		W
Sonoma Co	299,681					P		P
Stanislaus Co	265,900	W				W		W
Sutter Co	52,246							W
Tulare Co	245,738	W						W
Ventura Co	529,174	P						P
Yolo Co	113,374							W
Yuba Co	49,733							W

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

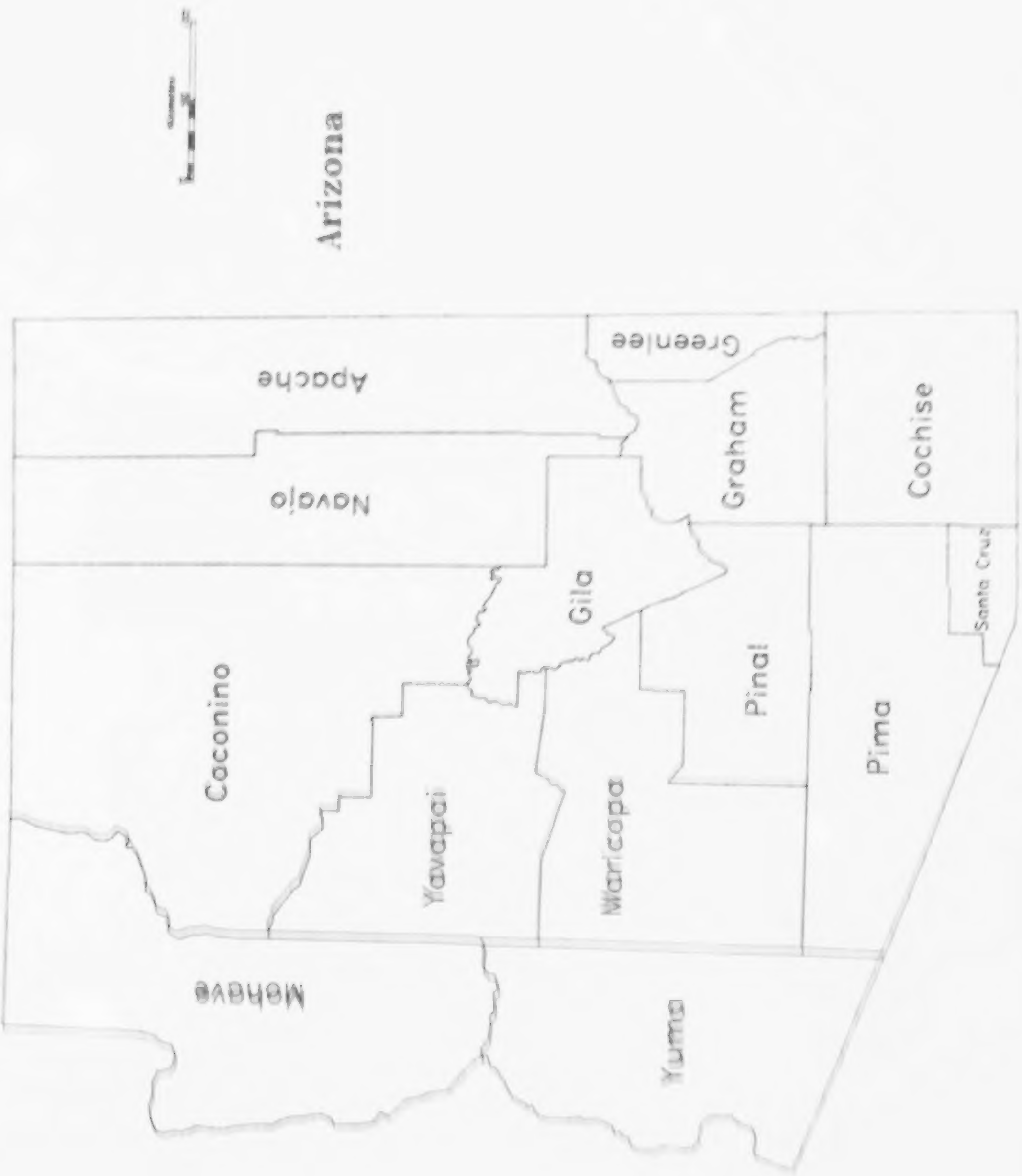
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR HAWAII

COUNTY	POPULATION	T S P		S O 2		C O	NO2	O Z
		PRIM	SEC	PRIM	SEC			
Honolulu Co	762,565			P				
Maui Co	70,847	P		P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR NEVADA

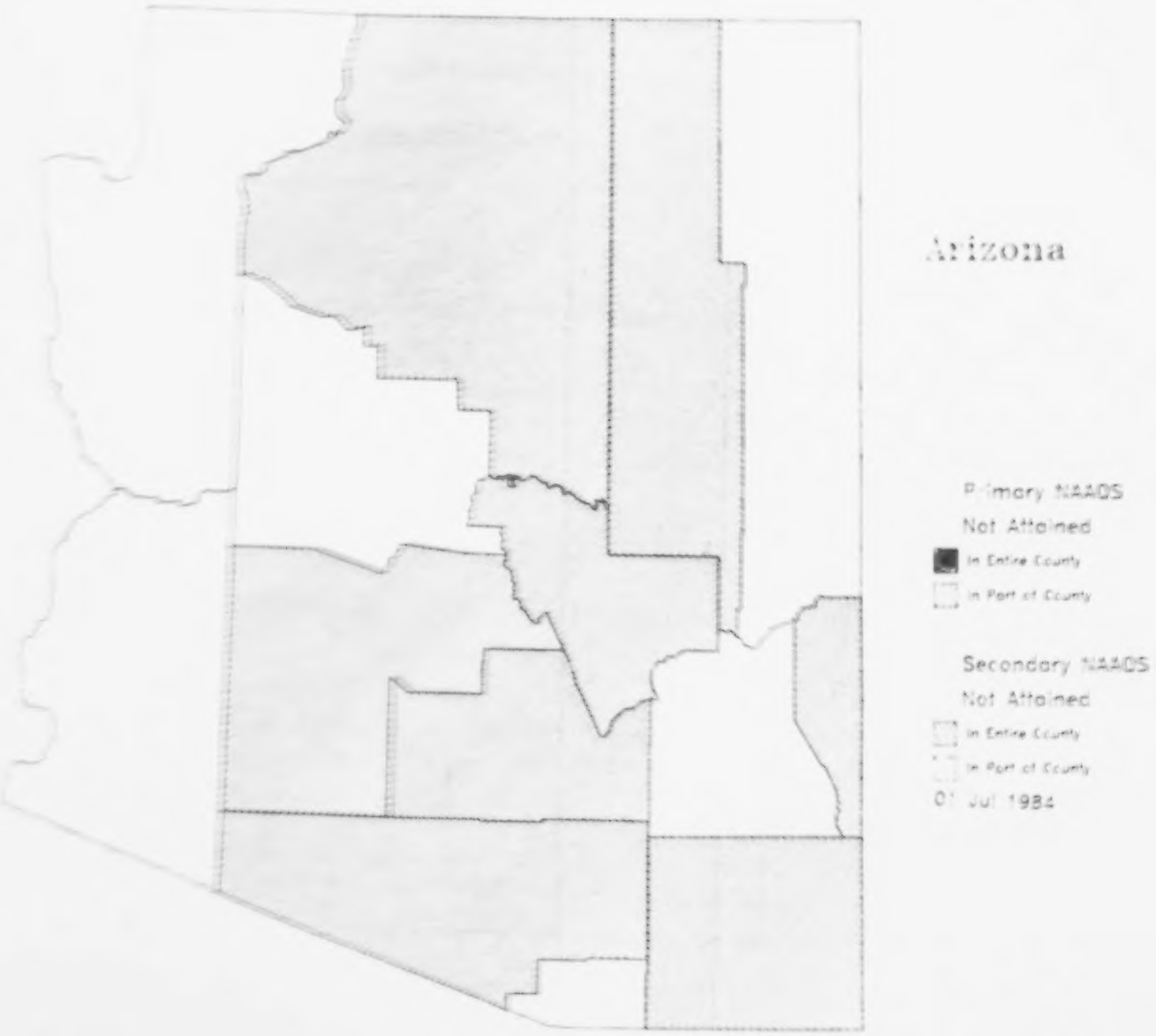
COUNTY	POPULATION	T S P		S O 2		C O	NO2	O Z
		PRIM	SEC	PRIM	SEC			
Churchill Co	13,917	P						
Clark Co	463,087	P				P		P
Douglas Co	19,421					P		
Elko Co	17,269		P					
Eureka Co	1,198		P					
Humboldt Co	9,434	P	P					
Lander Co	4,076		P					
Lyon Co	13,594	P						
Mineral Co	6,217	P						
Storey Co	1,503	P						
Washoe Co	193,623	P				P		
White Pine Co	8,167			P				
Carson City	32,022					P		

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

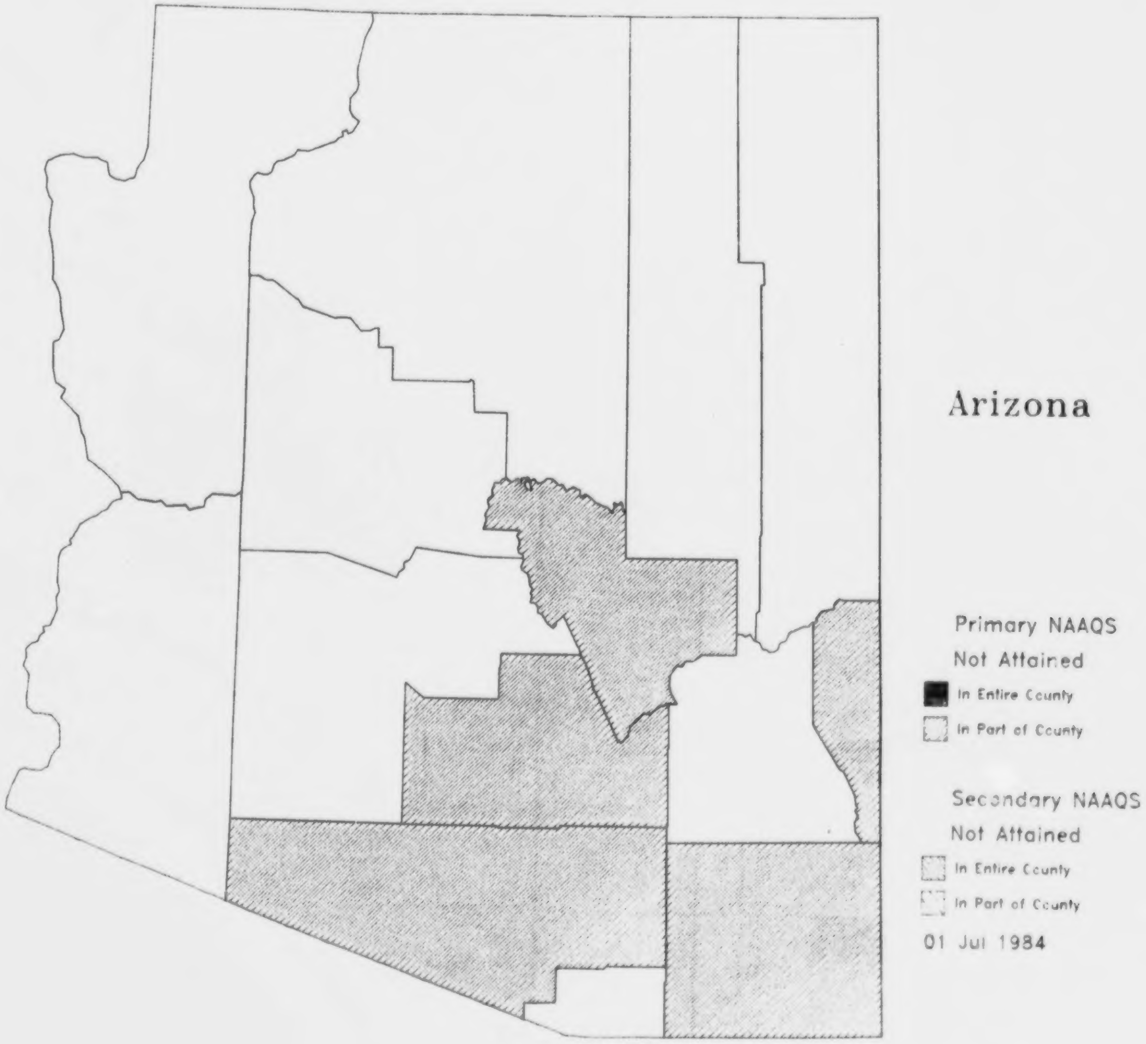


Arizona

Apache
Greenlee
Navajo
Graham
Cochise
Gila
Santa Cruz
Coconino
Pinal
Pima
Yavapai
Maricopa
Mohave
Yuma


Arizona
Primary NAAQS
Not Attained
In Entire County
In Part of County
Secondary NAAQS
Not Attained
In Entire County
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties -- 1984


Arizona
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In Entire County
In Part of County
Secondary NAAQS
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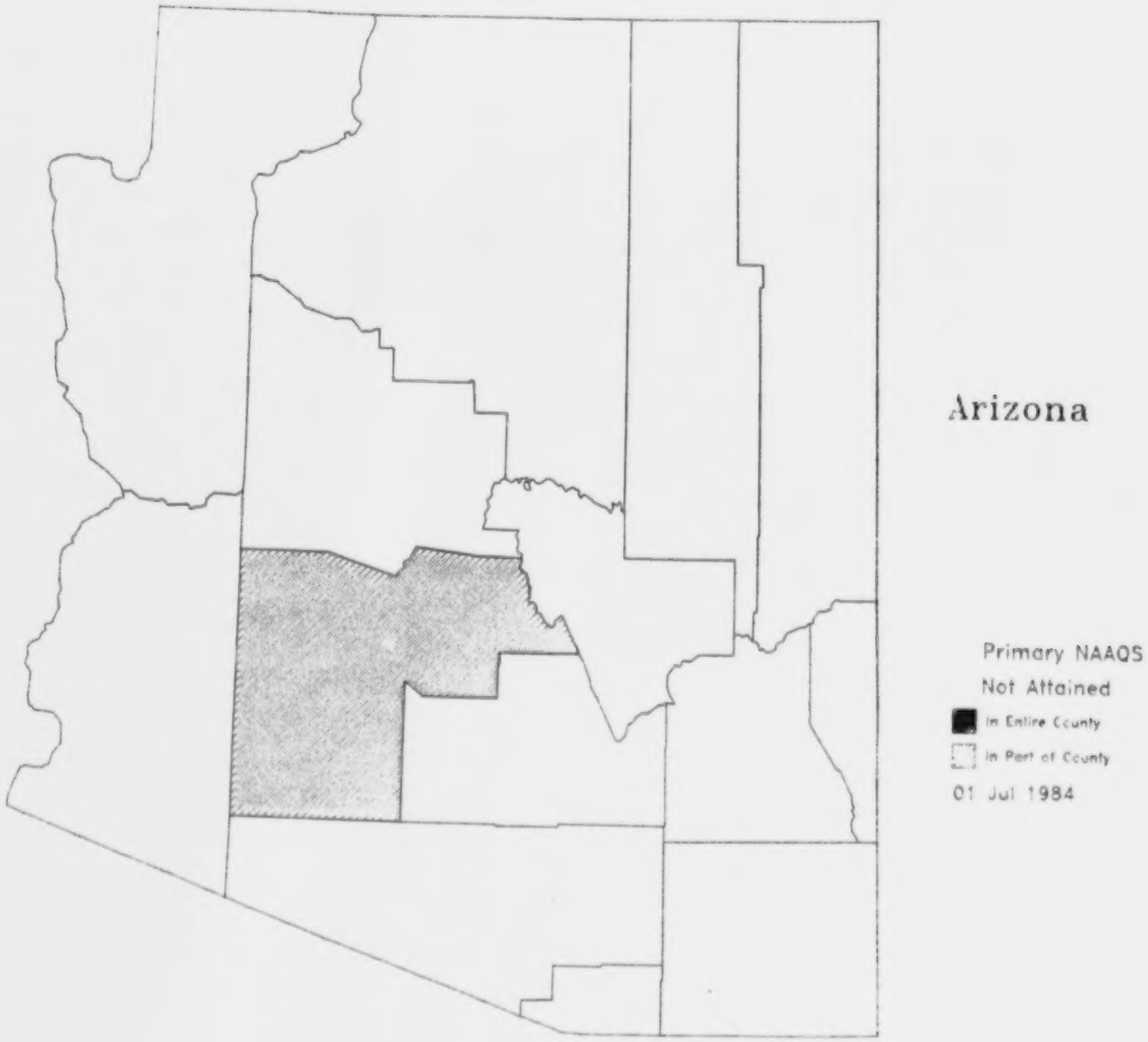
In Entire County
In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties – 1984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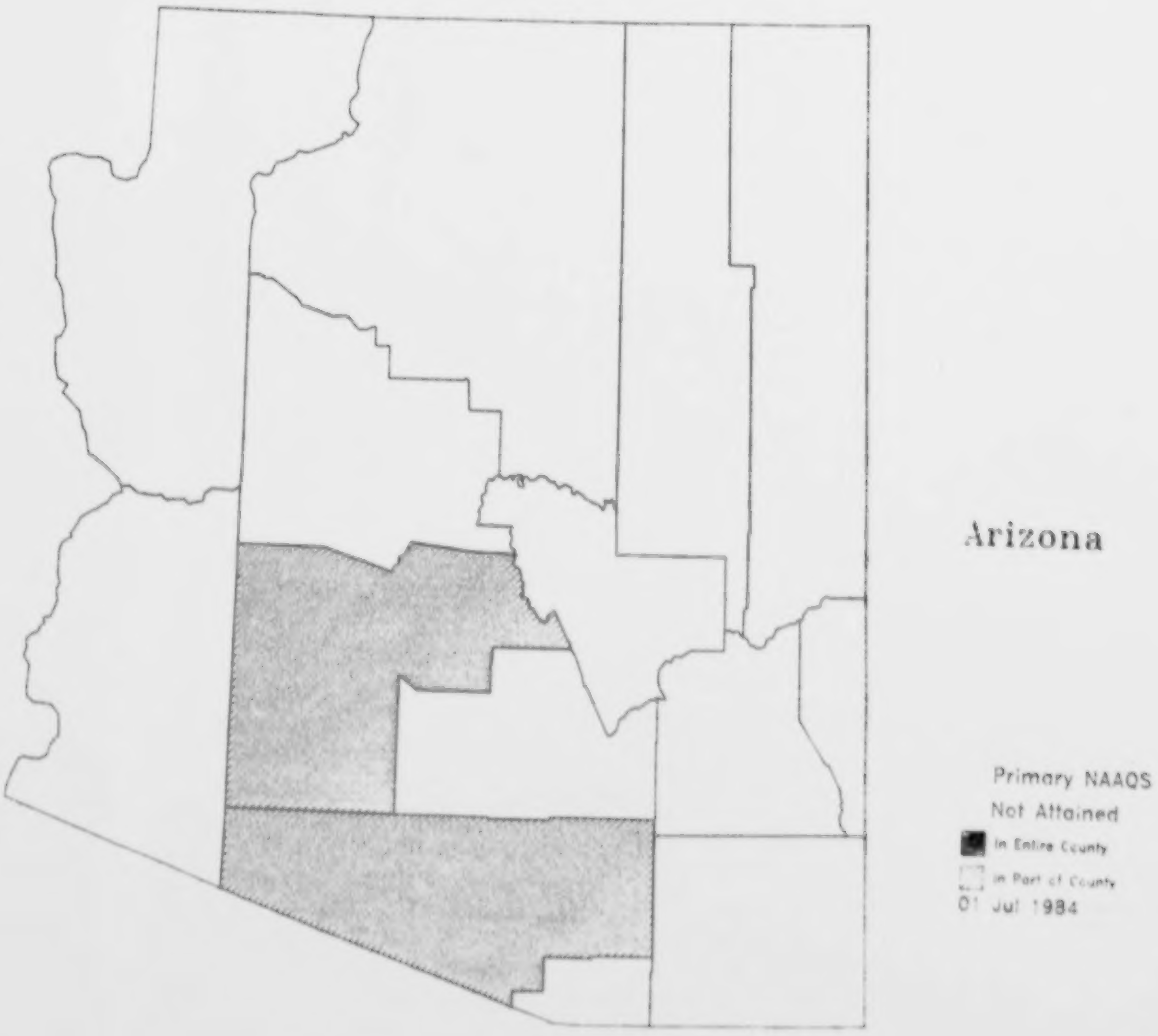
■ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties – 1984


Arizona
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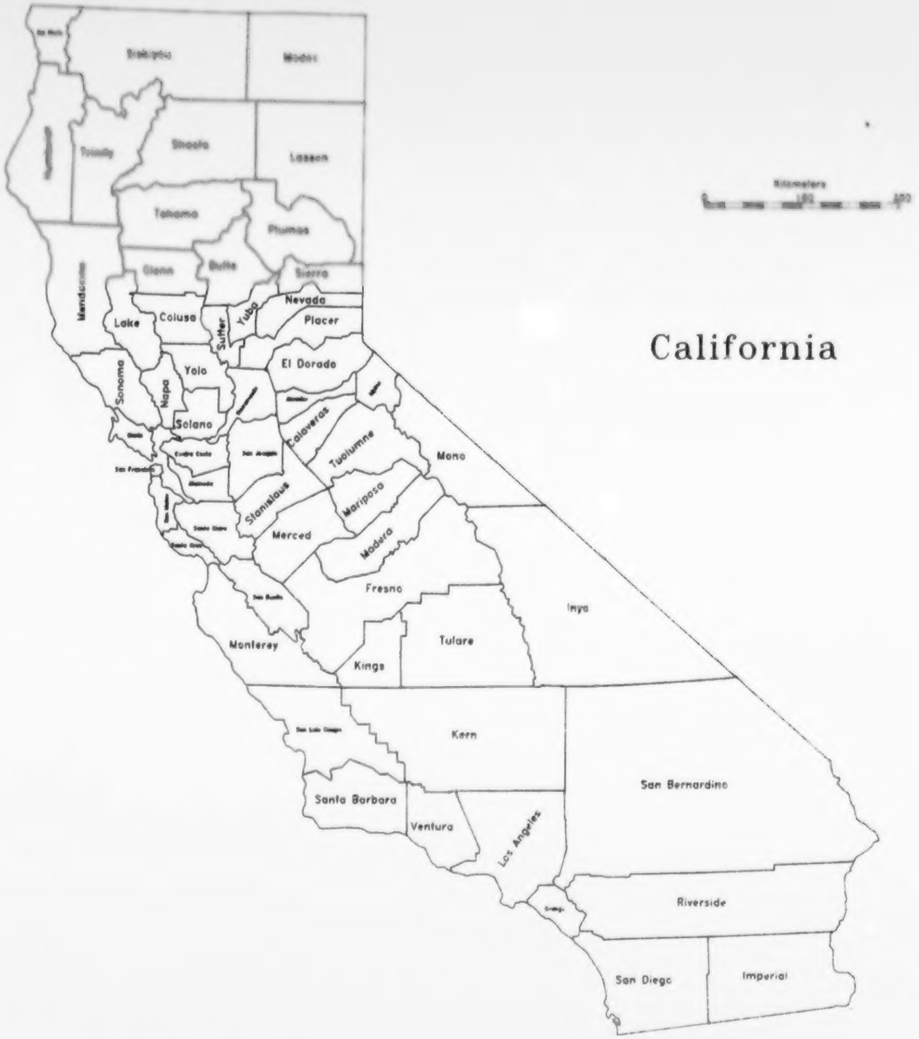
▨ In Entire County
☐ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties – 1984

California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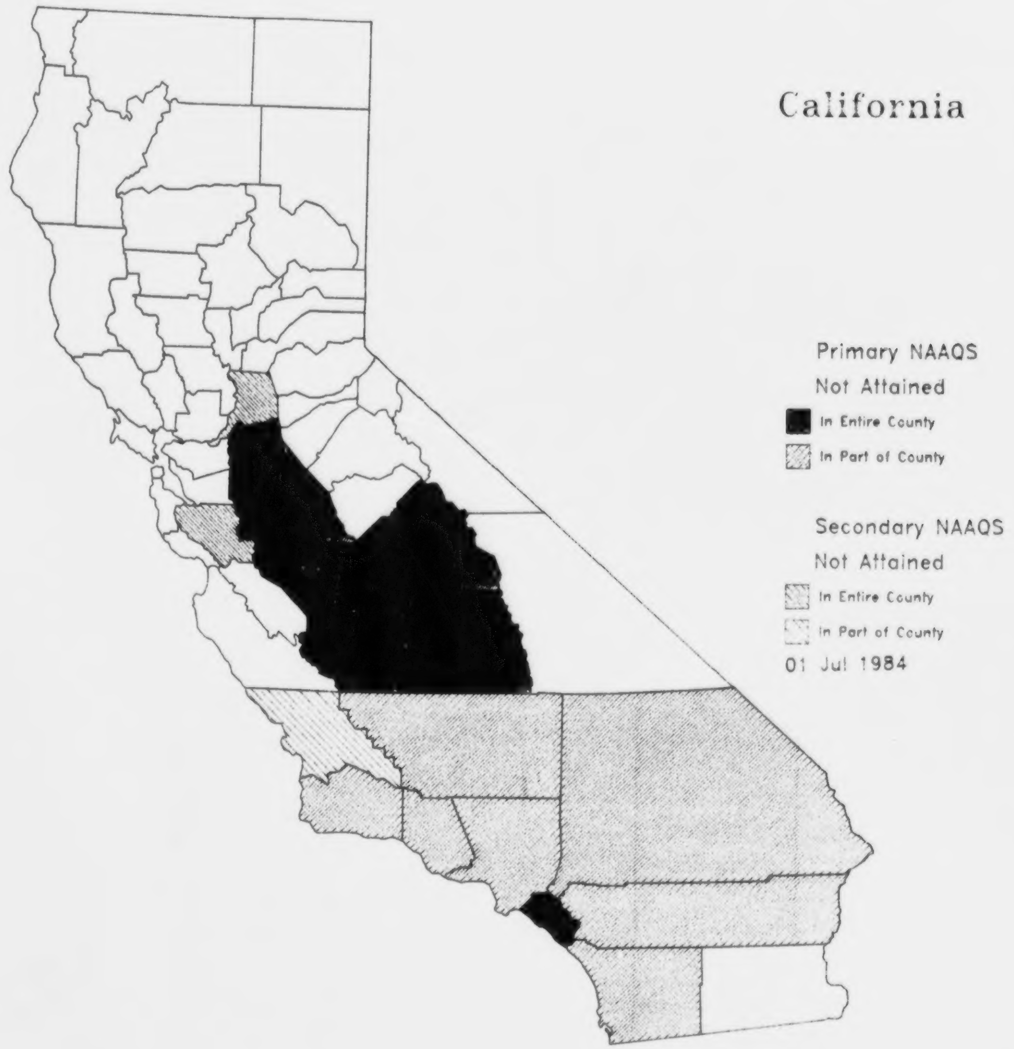
100
200
Del Norte
Siskiyou
Modoc
Humboldt
Trinity
Shasta
Lassen
Tehama
Plumas
Glenn
Butte
Sierra
Mendocino
Lake
Colusa
Sutter
Yuba
Nevada
Placer
El Dorado
Sonoma
Napa
Yolo
Sacramento
Amador
Alpine
Solano
Marin
Contra Costa
San Joaquin
Calaveras
Tuolumne
Mono
San Francisco
Alameda
San Mateo
Santa Clara
Santa Cruz
Stanislaus
Mariposa
Merced
Madera
Fresno
San Benito
Monterey
Inyo
Tulare
Kings
San Luis Obispo
Kern
San Bernardino
Santa Barbara
Ventura
Los Angeles
Orange
Riverside
San Diego
Imperial


California
Primary NAAQS
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In Entire County
In Part of County
Secondary NAAQS
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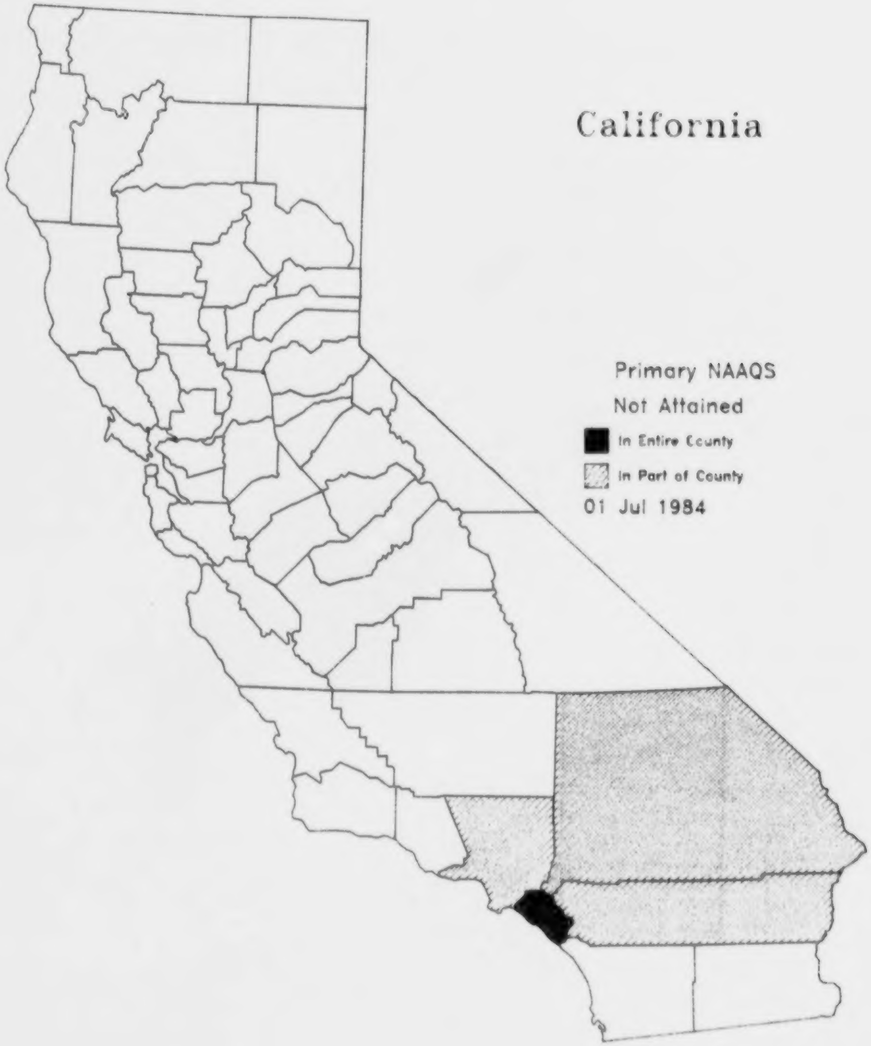
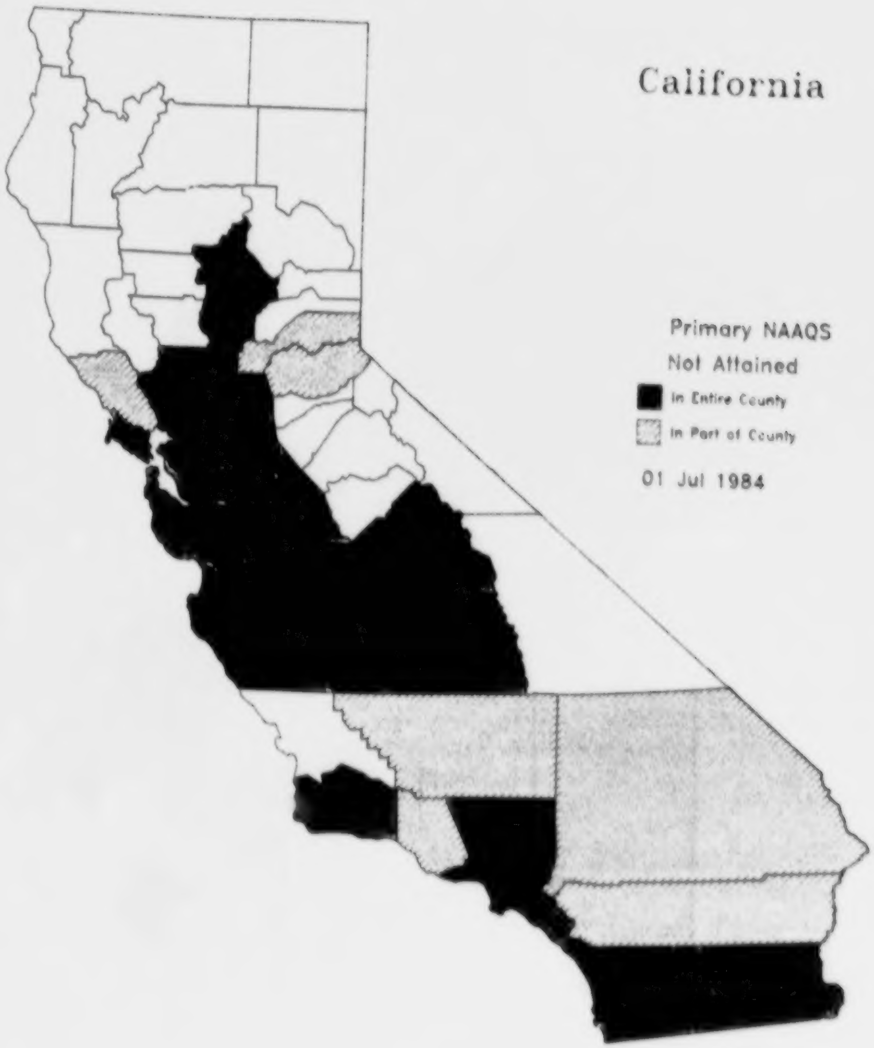
In Entire County
In Part of County
01 Jul 1984

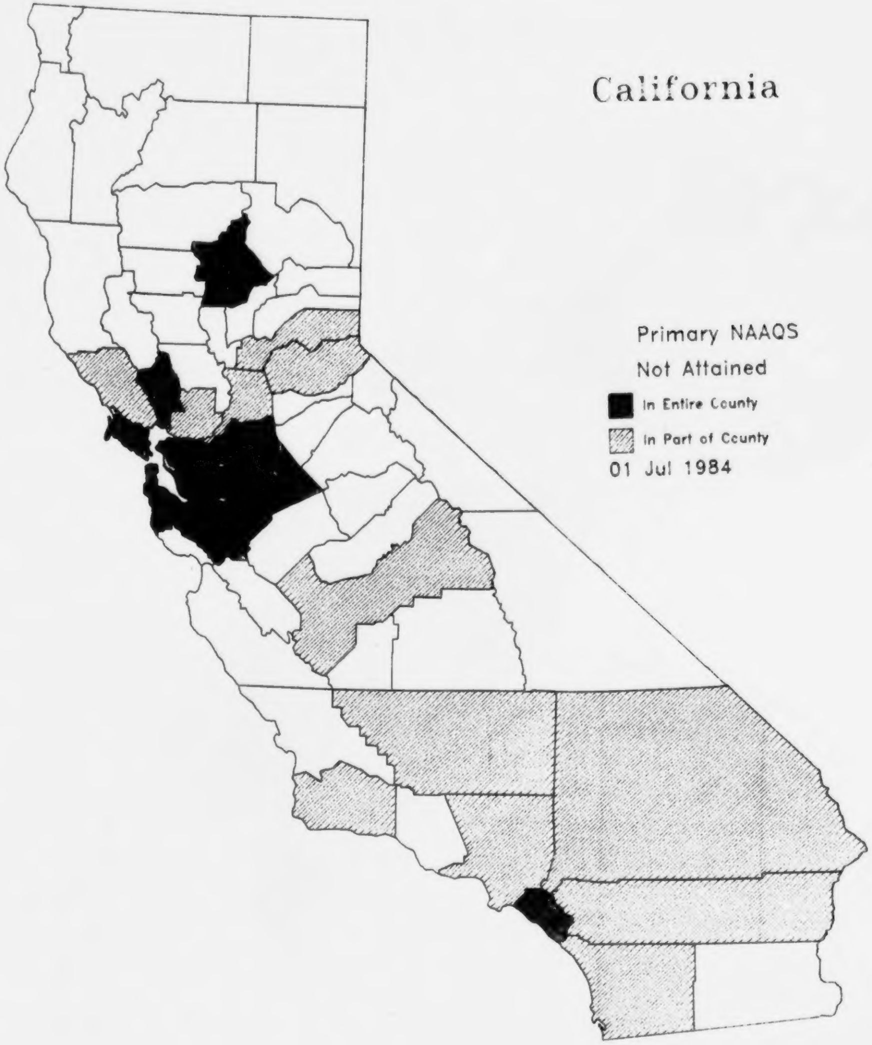
Promulgated List of TSP Non-Attaining Counties - 1984


California
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of NO2 Non-Attaining Counties - 1984

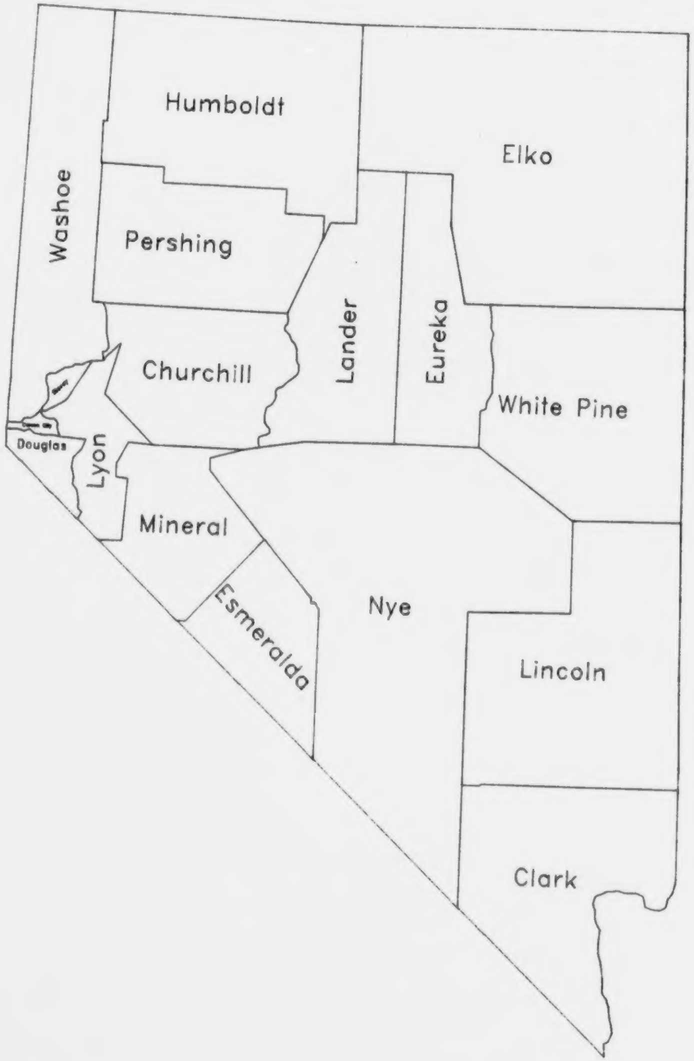

California
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984

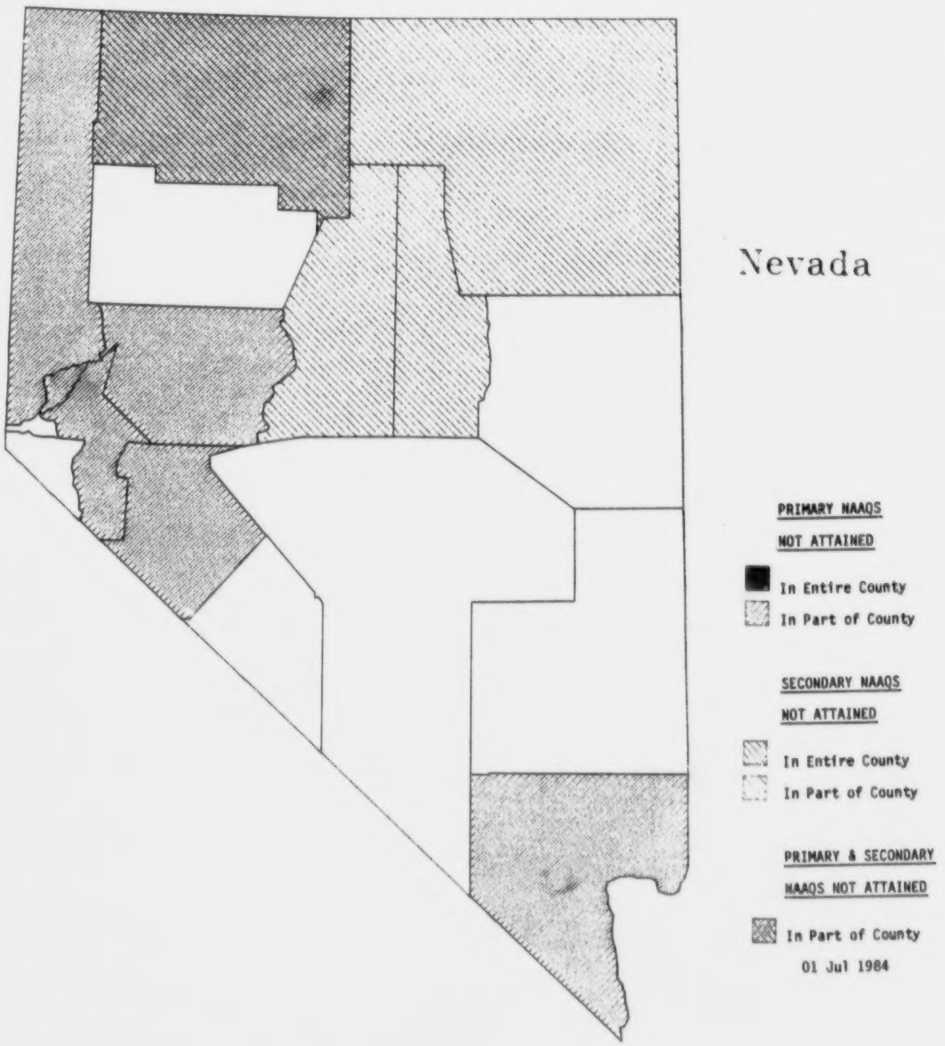

California
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

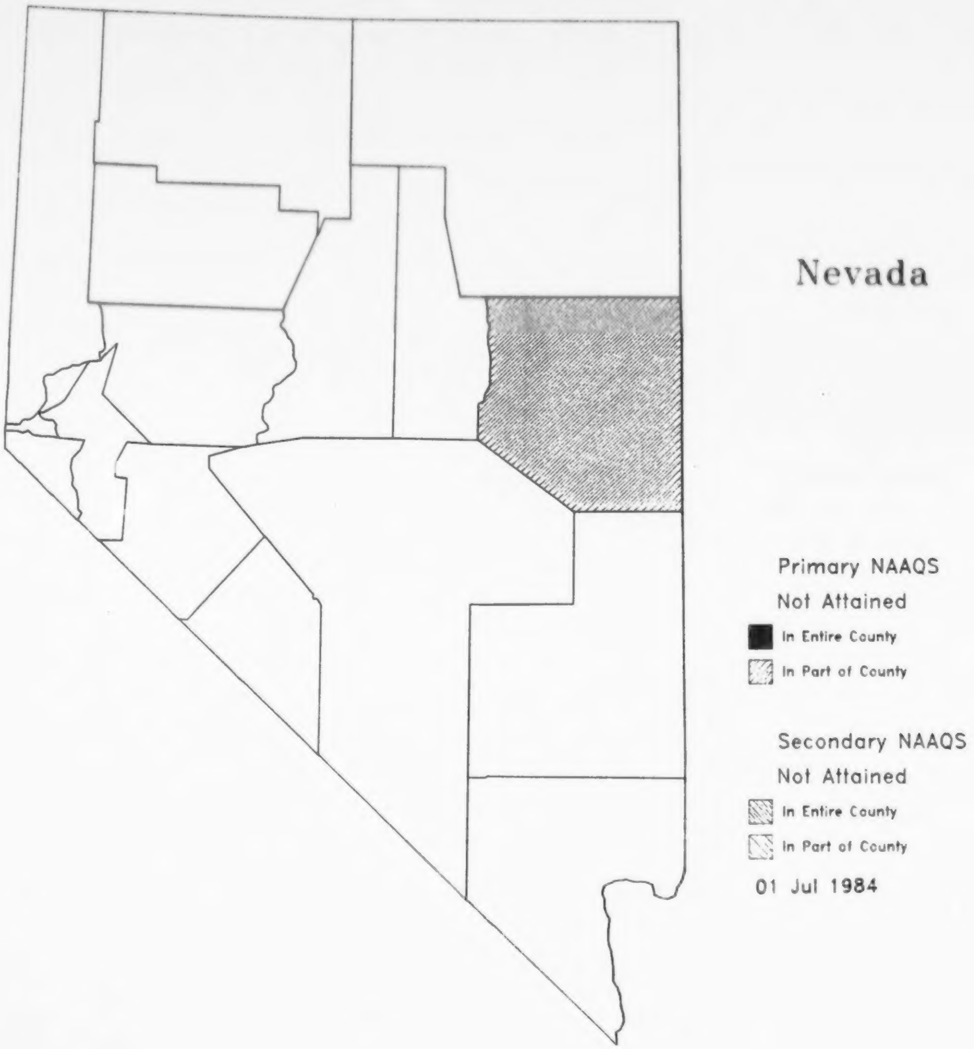
Nevada


Humboldt
Elko
Washoe
Pershing
Lander
Eureka
Churchill
White Pine
Douglas
Lyon
Mineral
Esmeralda
Nye
Lincoln
Clark
Kilometers
0
50
100

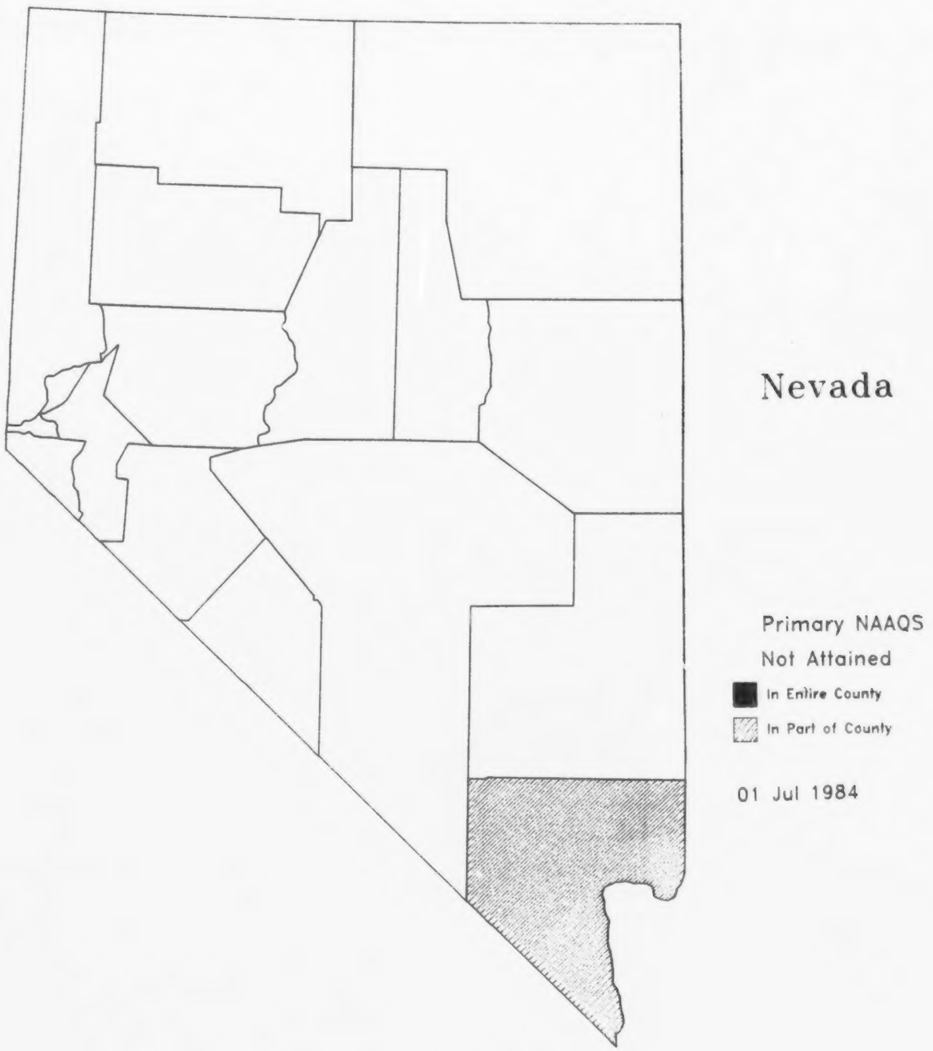
Nevada


PRIMARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Nevada
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of SO2 Non-Attaining Counties - 1984


Nevada
Primary NAAQS
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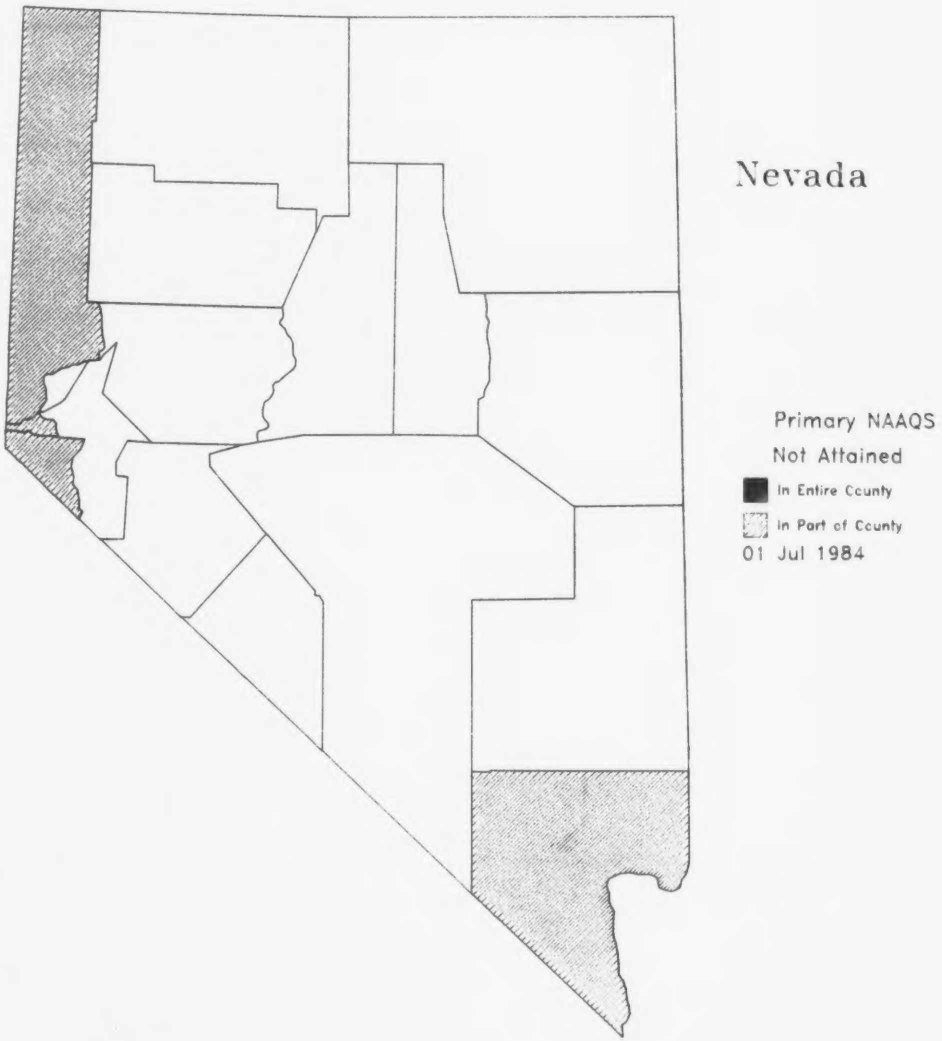
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984


Nevada
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Region X

Alaska, Idaho, Oregon, Washington

Air Programs Branch
EPA Region X
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-1941
FTS: 399-1941

194

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR ALASKA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Anchorage Co	174,431					P		
Fairbanks Co	53,983					P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR IDAHO

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Ada Co	173,036					P		
Bannock Co	65,421	P						
Caribou Co	8,695	P						
Nez Perce Co	33,220	P						
Power Co	6,844	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR OREGON

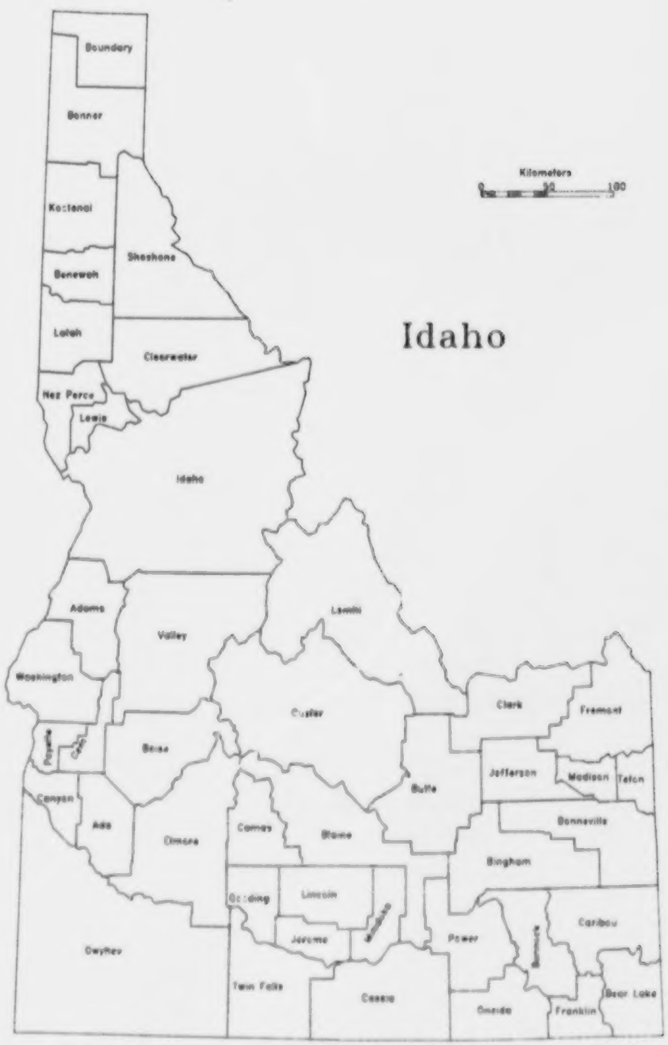
COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Clackamas Co	241,911		P					P
Jackson Co	132,456	P				P		P
Lane Co	275,226		P			P		
Marion Co	204,692					P		P
Multnomah Co	562,640		P			P		P
Polk Co	45,203					P		P
Washington Co	245,860		P					P

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARD FOR WASHINGTON

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
Asotin Co	16,823	P						
Clark Co	192,227	P						P
Cowlitz Co	79,548		P					
King Co	1,269,749	P	P			P		P
Pierce Co	485,667	P				P		P
Snohomish Co	337,720							P
Spokane Co	341,835	P				P		
Yakima Co	172,508					P		

P = PART OF THE COUNTY   W = THE WHOLE COUNTY

Reproduced from best available copy.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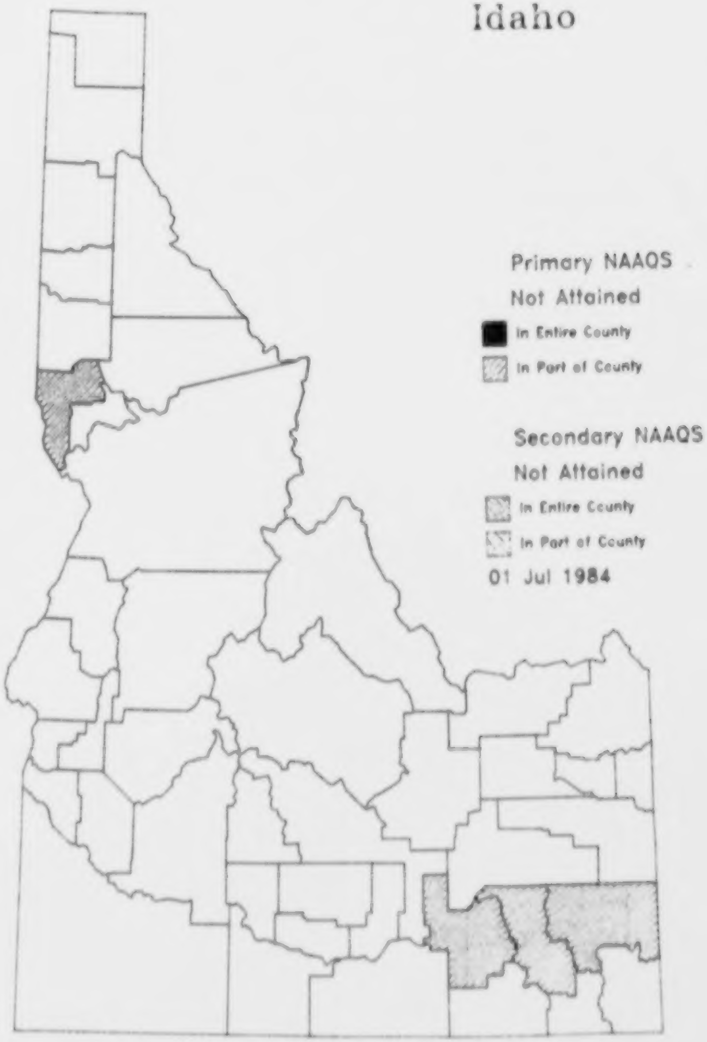
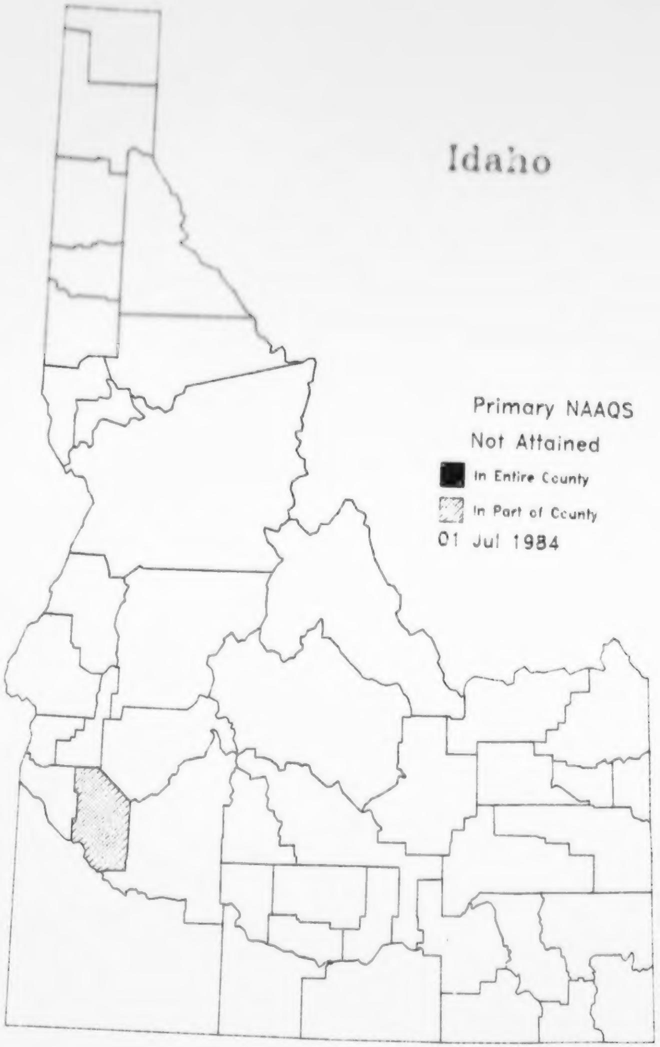
Kilometers
0
50
100
Boundary
Bonner
Kootenai
Benewah
Shoshone
Latah
Clearwater
Nez Perce
Lewis
Idaho
Adams
Valley
Lemhi
Washington
Custer
Clark
Fremont
Payette
Gem
Boise
Jefferson
Madison
Teton
Butte
Canyon
Ada
Elmore
Camas
Blaine
Bonneville
Bingham
Gooding
Lincoln
Minidoka
Power
Caribou
Jerome
Bannock
Owyhee
Twin Falls
Cassia
Oneida
Franklin
Bear Lake

Idaho


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

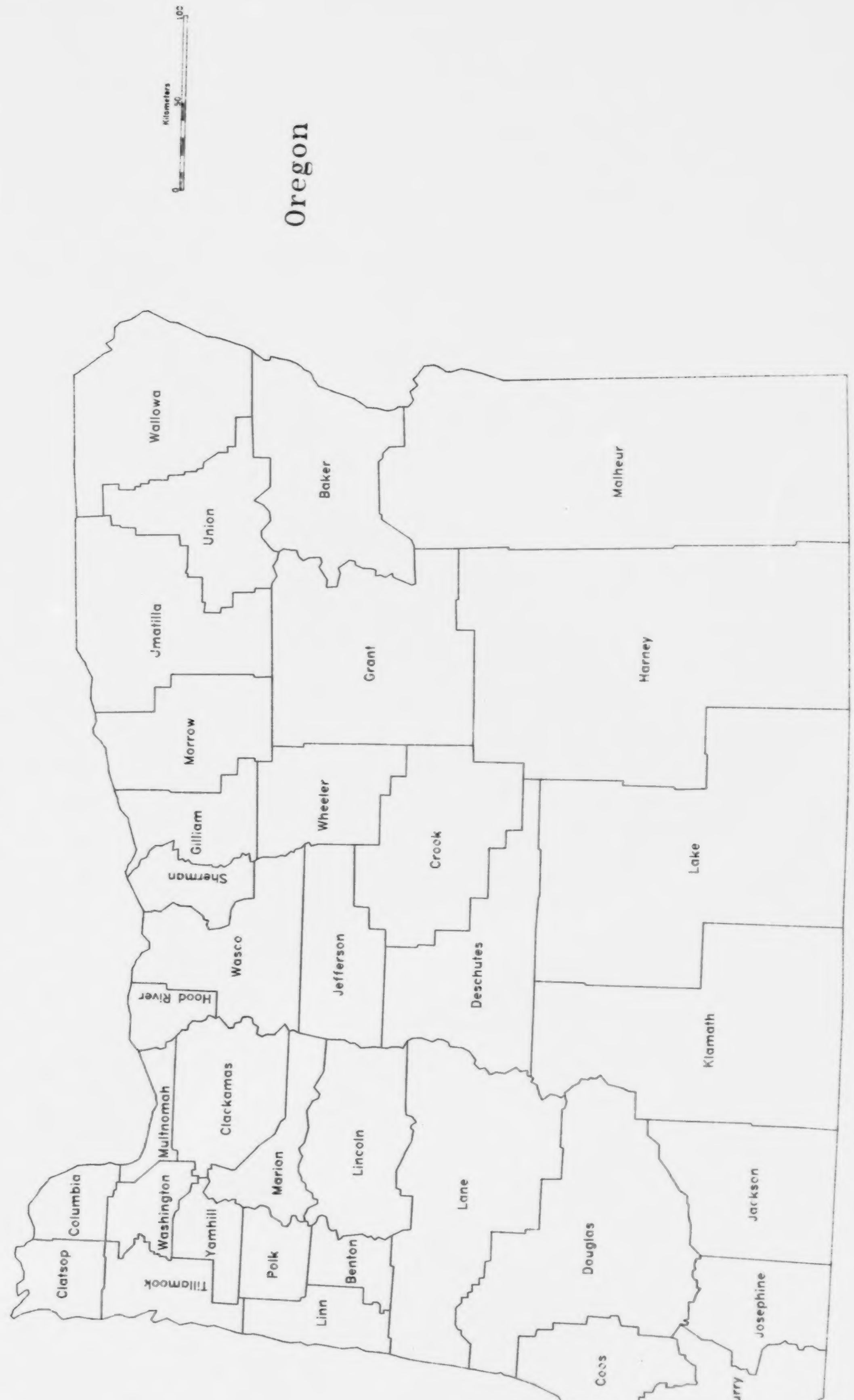
Promulgated List of TSP Non-Attaining Counties - 1984

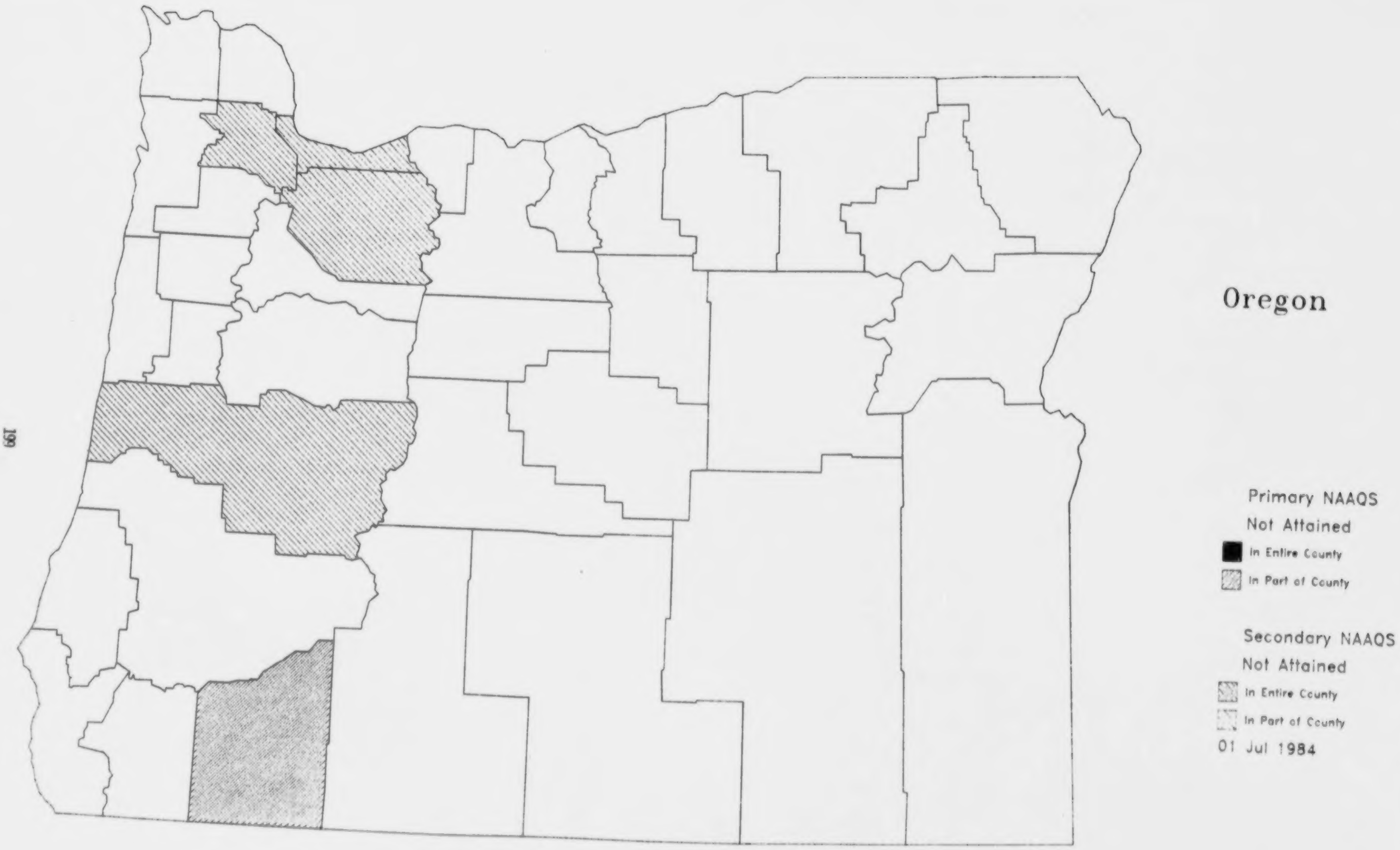
Idaho


Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

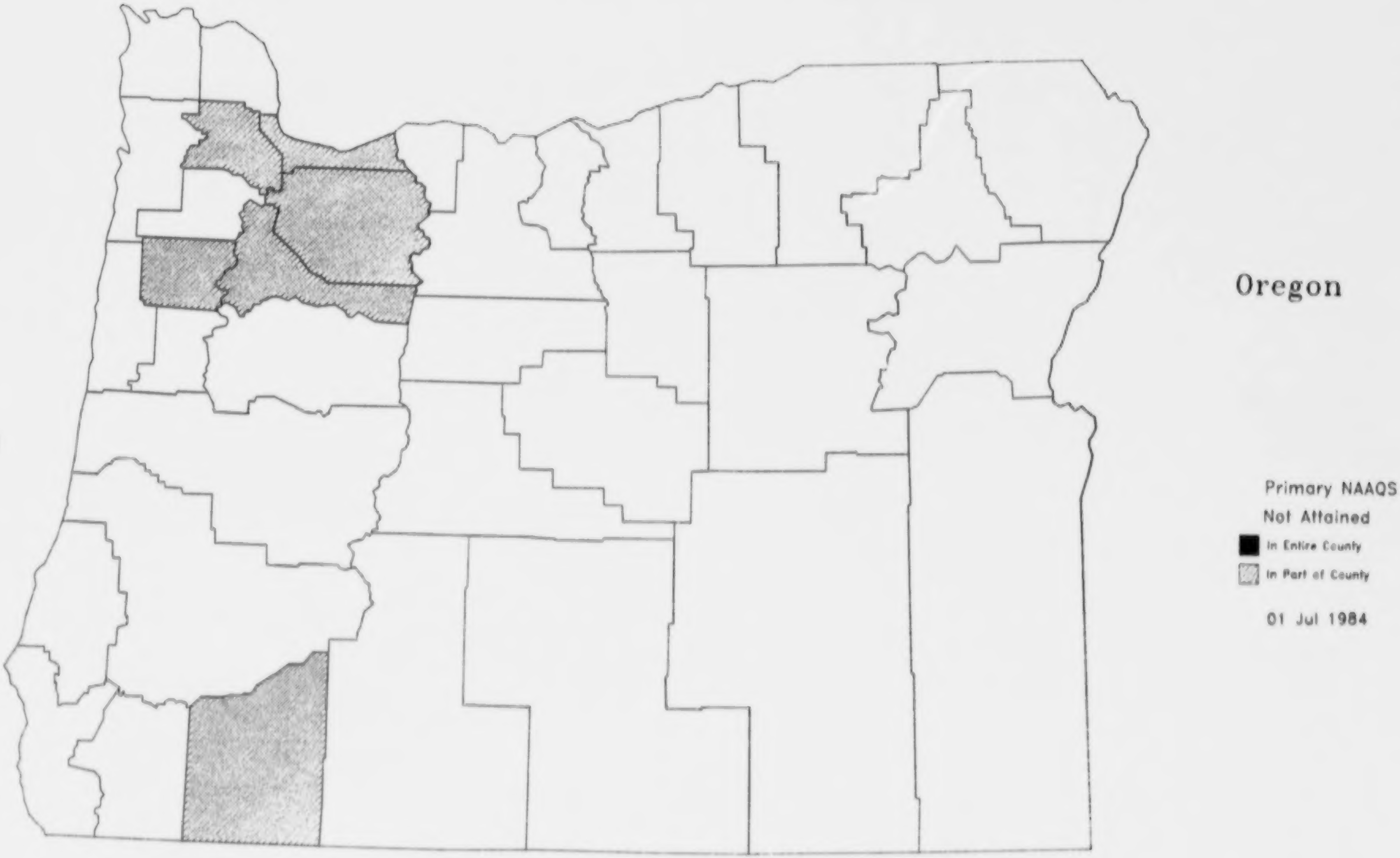
Promulgated List of CO Non-Attaining Counties - 1984

Oregon


Kilometers
0
50
100
Wallowa
Union
Baker
Malheur
Umatilla
Grant
Harney
Morrow
Wheeler
Crook
Gilliam
Sherman
Lake
Wasco
Jefferson
Deschutes
Hood River
Klamath
Multnomah
Clackamas
Marion
Lincoln
Lane
Columbia
Washington
Yamhill
Polk
Benton
Douglas
Jackson
Clatsop
Tillamook
Linn
Josephine
Coos
Curry


Oregon
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
Secondary NAAQS
Not Attained
▨ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984



Oregon
Primary NAAQS
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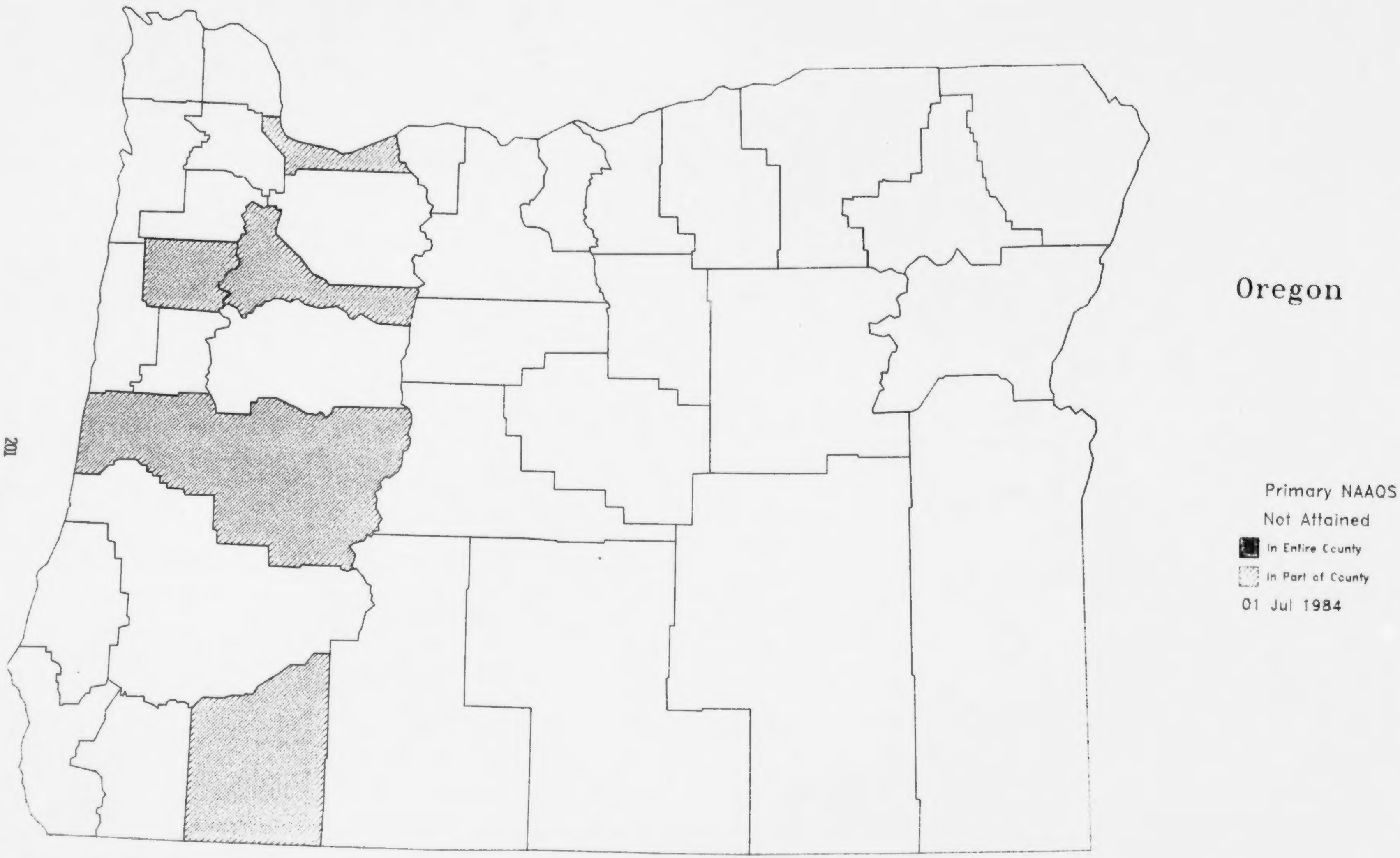
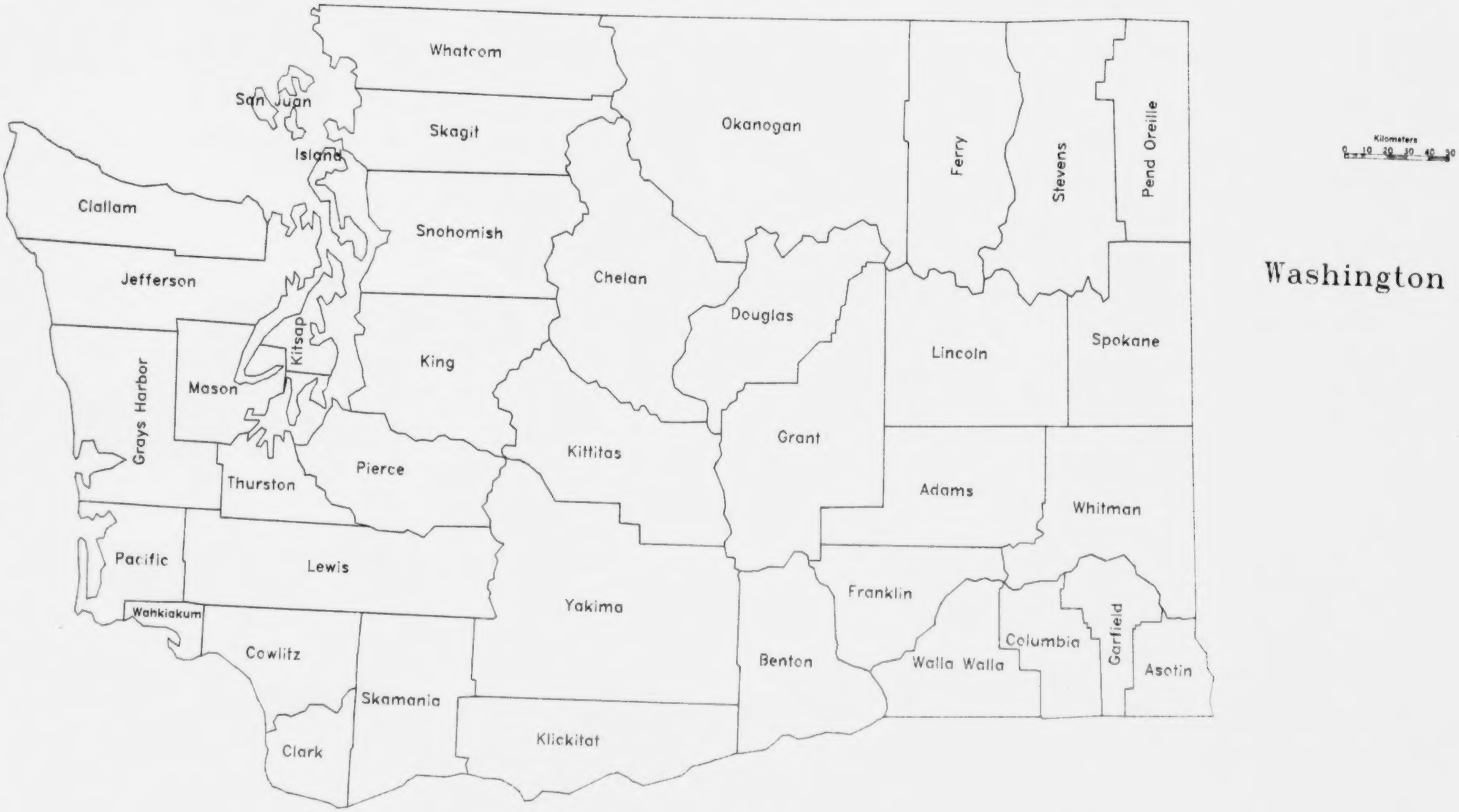
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of O3 Non-Attaining Counties - 1984


Oregon
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties - 1984

Washington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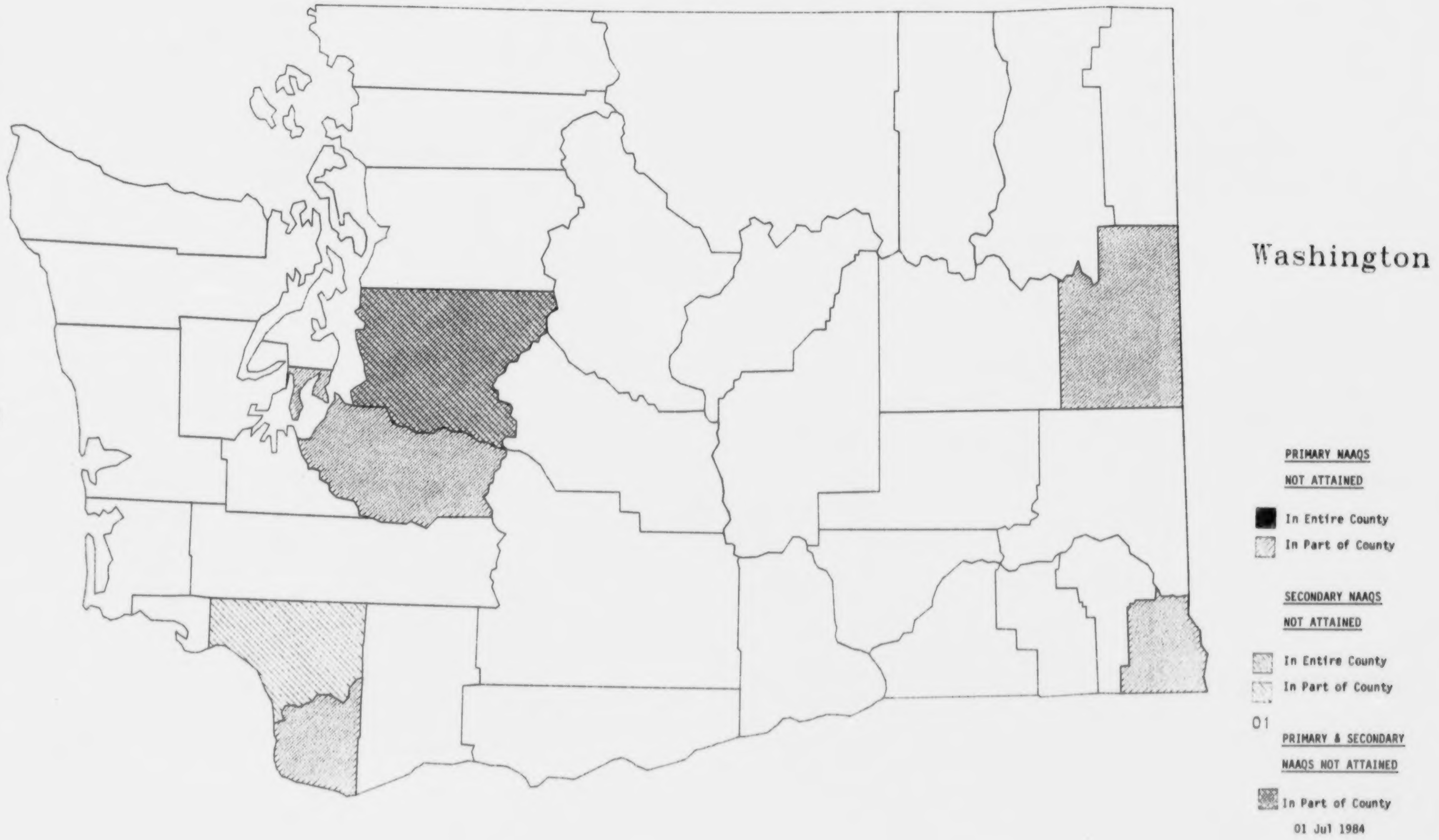
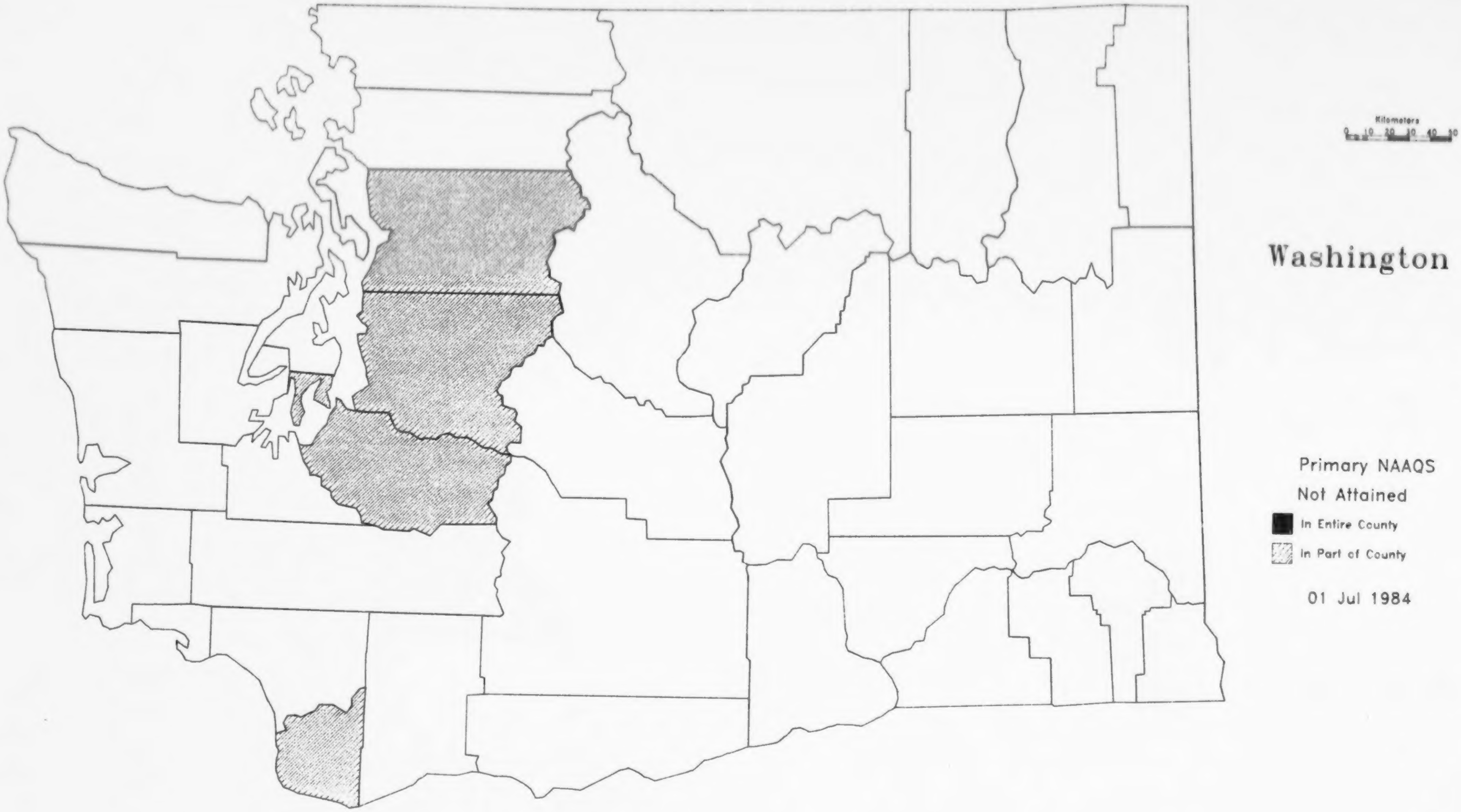
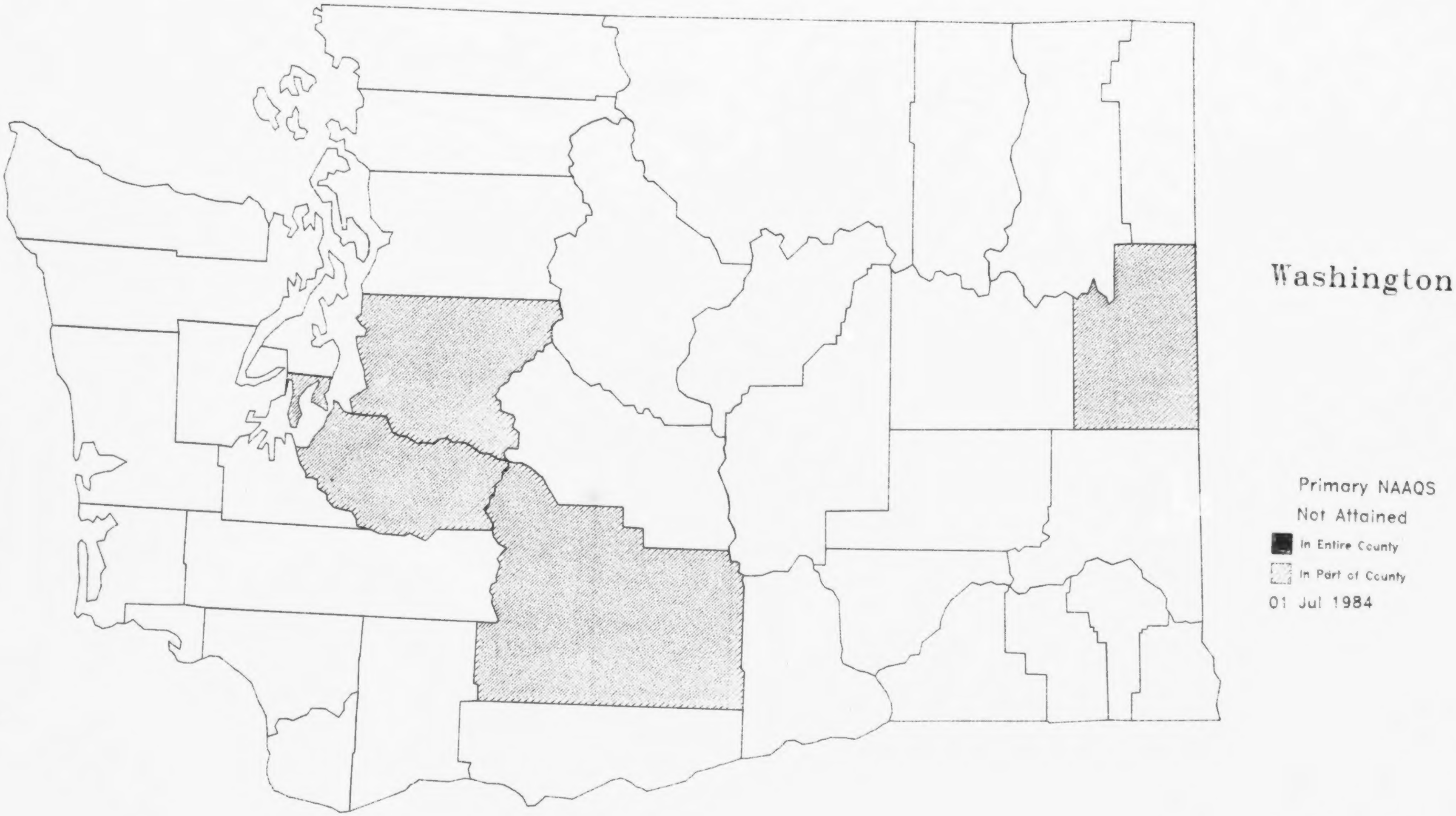
0 10 20 30 40 50
Whatcom
San Juan
Skagit
Island
Clallam
Snohomish
Jefferson
Kitsap
Mason
Grays Harbor
King
Pierce
Thurston
Pacific
Lewis
Wahkiakum
Cowlitz
Clark
Skamania
Okanogan
Chelan
Douglas
Kittitas
Grant
Yakima
Klickitat
Benton
Ferry
Stevens
Pend Oreille
Lincoln
Spokane
Adams
Whitman
Franklin
Walla Walla
Columbia
Garfield
Asotin


Washington
PRIMARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
SECONDARY NAAQS
NOT ATTAINED
In Entire County
In Part of County
01
PRIMARY & SECONDARY
NAAQS NOT ATTAINED
In Part of County
01 Jul 1984

Promulgated List of TSP Non-Attaining Counties - 1984


Kilometers
0 10 20 30 40 50
Washington
Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of 03 Non-Attaining Counties - 1984



Washington

Primary NAAQS
Not Attained
■ In Entire County
▨ In Part of County
01 Jul 1984

Promulgated List of CO Non-Attaining Counties – 1984

APPENDIX

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 21 1983

OFFICE OF
AIR, NOISE, AND RADIATION

MEMORANDUM

SUBJECT: Section 107 Designation Policy Summary

FROM: Sheldon Meyers
Sheldon Meyers, Director
Office of Air Quality Planning and Standards (ANR-443)

TO: Director, Air and Waste Management Division
Regions II-IV, VI-VIII, X

Director, Air Management Division
Regions I, V, IX

On February 3, 1983, the Agency published a Federal Register notice regarding the status of all areas designated nonattainment under Part D of the Clean Air Act. This notice indicated that for a significant number of nonattainment areas States are anticipated to be able to demonstrate attainment of the primary national ambient air quality standards. Accordingly, for those areas, States have been encouraged to update their Section 107 designations. In addition, a number of nonattainment areas were identified in the February 3, 1983, notice as "unlikely to attain standards." The Federal Register also stated that the basic existing policy will generally be continued for redesignation. This memorandum summarizes and clarifies existing policy for reviewing designations and provides new guidance on processing these actions.

Policy For Reviewing 107 Designations

1. Data: In general, all available information relative to the attainment status of the area should be reviewed. These data should include the most recent eight (8) consecutive quarters of quality assured, representative ambient air quality data plus evidence of an implemented control strategy that EPA had fully approved. Supplemental information, including air quality modeling emissions data, etc., should be used to determine if the monitoring data accurately characterize the worst case air quality in the area. Also, the following items can be considered in special situations.

An attainment designation can be made using only the most recent four (4) quarters of ambient data if an acceptable state of the art modeling analysis (such as city-specific EKMA for ozone) is provided showing that the basic SIP strategy is sound and that actual, enforceable emission reductions are responsible for the recent air quality improvement.

For nonattainment designations which were originally based solely on modeling, redesignation to attainment is possible even if less than four (4) quarters of ambient data are available provided that a reference modeling analysis considering the sources' legal emission limits shows attainment of the standards. Information must also be presented showing that the sources causing the problem are in compliance with the enforceable SIP measures.

Although the current ozone standard implies the need for three years of data for attainment designations, two years of data with no exceedances is an acceptable surrogate. As discussed previously, this should be accompanied by evidence of an implemented control strategy that EPA had fully approved.

2. Projected Future Violations: Projections of future violations can provide the basis for continuing nonattainment designations. This concept is particularly important because of the current economic downturn. Information submitted to support attainment redesignations must adequately and accurately reflect anticipated operating rates. Areas should remain nonattainment where such projections reveal air quality violations.

3. Modeling: In most SO_2 cases, monitoring data alone will not be sufficient for areas dominated by point sources. A small number of ambient monitors usually is not representative of the air quality for the entire area. Dispersion modeling employing the legally enforceable SO_2 SIP limits will generally be necessary to evaluate comprehensively the sources' impacts as well as to identify the areas of highest concentrations. If either the modeling or monitoring indicates that SO_2 air quality standards are being violated, the area should remain nonattainment.

4. Boundaries: Current policies on appropriate boundaries for designation of nonattainment areas by EPA remain in effect, i.e., generally political boundaries such as city or county for TSP and SO_2, county as a minimum for rural ozone, entire urbanized area and fringe areas of development for urban ozone, and urban core area for CO. When States redesignate, EPA will continue to accept reasonable boundaries which are supported by appropriate data, such as specific new monitoring and/or modeling data or evidence of improvement due to control strategy implementation. Nonattainment areas for ozone should include the significant VOC sources.

5. Dispersion Techniques: Areas which are projected to attain the TSP or SO_2 standards because of the use of unauthorized dispersion techniques should continue to be designated as nonattainment.

Policy for Processing 107 Redesignations

1. SIP Review Actions: Section 107 designations have generally been classified as minor actions, with only a few of the more significant ones being processed as moderate. In the future, redesignations of Tier II nonattainment areas should be classified as major actions so that they can receive a comprehensive review to help ensure regional consistency. Redesignation of Tier I nonattainment areas should continue to be handled as minor or moderate actions, as appropriate.

2. "Unclassifiable" Areas: Since EPA and the States have had nearly five years to resolve discrepancies for nonattainment designations, it is now inappropriate to redesignate any area from nonattainment to unclassifiable. There has been ample time since the first designations were made in 1978 to thoroughly study each nonattainment area. Sufficient data should now exist to either make a redesignation to attainment or to keep the nonattainment designation.

If you have any questions, please contact Tom Helms at (FTS) 629-5526.

cc: Regional Administrator, Regions I-X
Chief, Air Programs Branch, Regions I-X

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

23 DEC 1983

MEMORANDUM

Subject: Section 107 Questions and Answers

From: G. T. Helms, Chief
Control Programs Operations Branch (MD-15)

To: Air Branch Chief
Regions I-X

The April 21, 1983 memo from Sheldon Meyers on Section 107 Redesignation Policy has generally resulted in more consistent redesignation packages. However, a number of questions have developed since then and it seems worthwhile now to share with everyone the responses that have been developed. These questions have arisen in a number of areas.

1. Is air quality data alone sufficient for a redesignation from nonattainment to attainment?

Answer: No. Valid air quality data showing no NAAQS violations must be supplemented with a demonstration that the approved SIP control strategy which provides for attainment has been implemented. The April 21 memo describes the requirements in detail. In most cases the submittal will include the most recent eight quarters of data showing attainment and evidence of an implemented control strategy that EPA had approved. This demonstration need not necessarily be quantitative. Rather, it need simply confirm that the control strategy approved in the SIP to address the problem has indeed been implemented. Where only the most recent four quarters of data showing attainment are available, a state-of-the-art modeling analysis must be provided which quantifies that the SIP strategy is sound and that actual enforceable emission reductions are responsible for the air quality improvements.

2. Are the same requirements discussed in answer number 1 applicable to secondary TSP redesignations?

Answer: Yes. As for primary standards, some reason has to be shown for the improvement in air quality. This can consist of an implemented control strategy, some other Federally enforceable statewide regulations, or a well-documented explanation that the circumstances which resulted in the initial designation have changed or were incorrect. The integrity of the designation process should be preserved, for both primary and secondary pollutants. Further, it should be noted that States are not penalized by remaining secondary nonattainment. Therefore, a control strategy or other demonstration needs to be included with these redesignation requests.

3. Can a control strategy that has not been approved by EPA as part of the SIP be used to support a redesignation?

Answer: In general, no. However, an exception will be made if the physical circumstances and long-term economic factors are such that the implemented measures have the same weight as a SIP: for example, the permanent closing of the major emitting sources, road paving to eliminate fugitive emissions, or other irreversible measures. Submittals including such changes, even though not formally approved as SIP revisions, have the practical impact of an EPA approved strategy and can be the basis for approval of the redesignation.

4. Are the same criteria required to reduce the size of a nonattainment area as are required for redesignating the entire area?

Answer: In general, yes. However, if a sound case can be made that the State "overdesignated" initially -- that is, designated a larger area than EPA required -- then the area can be reduced. The remaining nonattainment area must be compatible with EPA boundary requirements (see April 21, 1983 memo) and it must be convincingly demonstrated that the area going from nonattainment to attainment should not have been designated nonattainment. Other than this specific kind of exception, however, boundary changes require the same analysis as any nonattainment to attainment redesignation. When a portion of a nonattainment area is redesignated attainment, it would help the public if a statement was included in the notice which explains that a nonattainment portion remains.

5. What criteria are used in redesignating from unclassifiable to attainment for TSP and SO_2?

Answer: Redesignations from unclassifiable to attainment generally require the most recent eight consecutive quarters of air quality data demonstrating attainment. No control strategy demonstration is required since there would have been no SIP requirement for an unclassifiable area. The SO_2 redesignations will generally continue to require dispersion modeling.

6. What is required for reclassifications from unclassifiable to attainment for ozone, carbon monoxide, and nitrogen oxides?

Answer: Redesignations from unclassifiable to attainment do not involve any regulatory change. If a State wishes to make such a redesignation, it should be sent forward as a brief explanatory Federal Register notice documenting the information. However, the formal table containing the designation status is not changed since the attainment and unclassifiable designations are combined for these pollutants.

7. Is there, or has there ever been, a 50 km policy for ozone nonattainment areas?

Answer: No, this was only discussed as an option some years ago but it never achieved the status of Agency policy.

These questions and answers highlight some of the significant issues that have come up since the April 21, 1983 memo. Please call Bill Beal or John Calcagni (FTS 629-5665) if you have further comments or questions on Section 107 issues.

cc: B. Bauman
D. White
R. Campbell
S. Meiburg
J. Ulfelder